U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

09/08/2023

Well Name: ENDURANCE 36 STATE COM

Well Location: T26S / R33E / SEC 36 / LOT 3 /

County or Parish/State: LEA / NM

Well Number: 2H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM122622

Unit or CA Name: ENDRANCE 36 STATE COM 2H

Unit or CA Number: NMNM134620

US Well Number: 3002540258

Well Status: Oil Well Shut In

Operator: EOG RESOURCES INCORPORATED

Accepted for record –NMOCD gc9/28/2023

Notice of Intent

Sundry ID: 2747943

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/25/2023

Time Sundry Submitted: 08:55

Date proposed operation will begin: 09/10/2023

Procedure Description: EOG PROPOSES TO PLUG AND ABANDON THIS WELL USING THE ATTACHED PROCEDURE.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

ENDURANCE_36_STATE_FED_COM__2H_CBL_20230825085533.pdf

Endurance_36_State_Com__2H_P_A__20230825085504.pdf

Endurance_36_State_Com_2H_P_A_PROPOSED_WBD_20230825085445.pdf

Endurance_36_State_Com_2H_CURRENT_P_A_WBD_20230825085405.pdf

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Conditions of Approval

Specialist Review

Endurance_36_State_Com__2H___2747943_COA_and_Procedure_20230908090645.pdf

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: KAY MADDOX

Signed on: AUG 25, 2023 08:55 AM

Name: EOG RESOURCES INCORPORATED

Title: Regulatory Specialist

Street Address: 5509 CHAMPIONS DR.

City: MIDLAND **State:** TX

Phone: (432) 638-8475

Email address: KAY_MADDOX@EOGRESOURCES.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JULIO A SANCHEZ

BLM POC Title: ENGINEER

BLM POC Phone: 5752342240

BLM POC Email Address: JULIOSANCHEZ@BLM.GOV

Disposition: Approved

Disposition Date: 09/08/2023

Signature: Julio Sanchez Reviewed by Keith Immatty

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

2. Name of Operator

9. API Well No.

3a. Address

3b. Phone No. *(include area code)*

10. Field and Pool or Exploratory Area

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*

11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.
AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.
PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.
ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.
EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.
Response to this request is mandatory.
The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect ofthis form to U.S. Department ofthe Interior, Bureau ofLand Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: LOT 3 / 330 FSL / 1760 FWL / TWSP: 26S / RANGE: 33E / SECTION: 36 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

PPP: SENW / 330 FSL / 1760 FWL / TWSP: 26S / RANGE: 33E / SECTION: 36 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

BHL: NENW / 229 FNL / 1163 FWL / TWSP: 26S / RANGE: 33E / SECTION: 25 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

CEMENT BOND LOG GAMMAR RAY / CCL

Company	EOG RESOURCES
Well	ENDURANCE 36 STATE 2H
Field	BRADLEY
County	LEA
State	NM
Country	

Location: API # : 3002540258

SEC TWP RGE

Other Services

Permanent Datum — Elevation

Log Measured From

Drilling Measured From

Elevation: K.B. D.F. G.L.

Date	07/16/14
Run Number	1
Depth Driller	17039
Depth Logger	9144
Bottom Logged Interval	9120
Top Log Interval	SURFACE
Open Hole Size	
Type Fluid	WATER
Density / Viscosity	
Max. Recorded Temp.	
Estimated Cement Top	SEE LOG
Time Well Ready	ON ARRIVAL
Time Logger on Bottom	
Equipment Number	3472
Location	MIDLAND TX
Recorded By	RUBEN RAMIREZ
Witnessed By	LONNIE STUARD

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	5.5	20.0		
Liner				

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

THANK YOU FOR USING PRO OILFIELD SERVICES

TONY 432-934-7141

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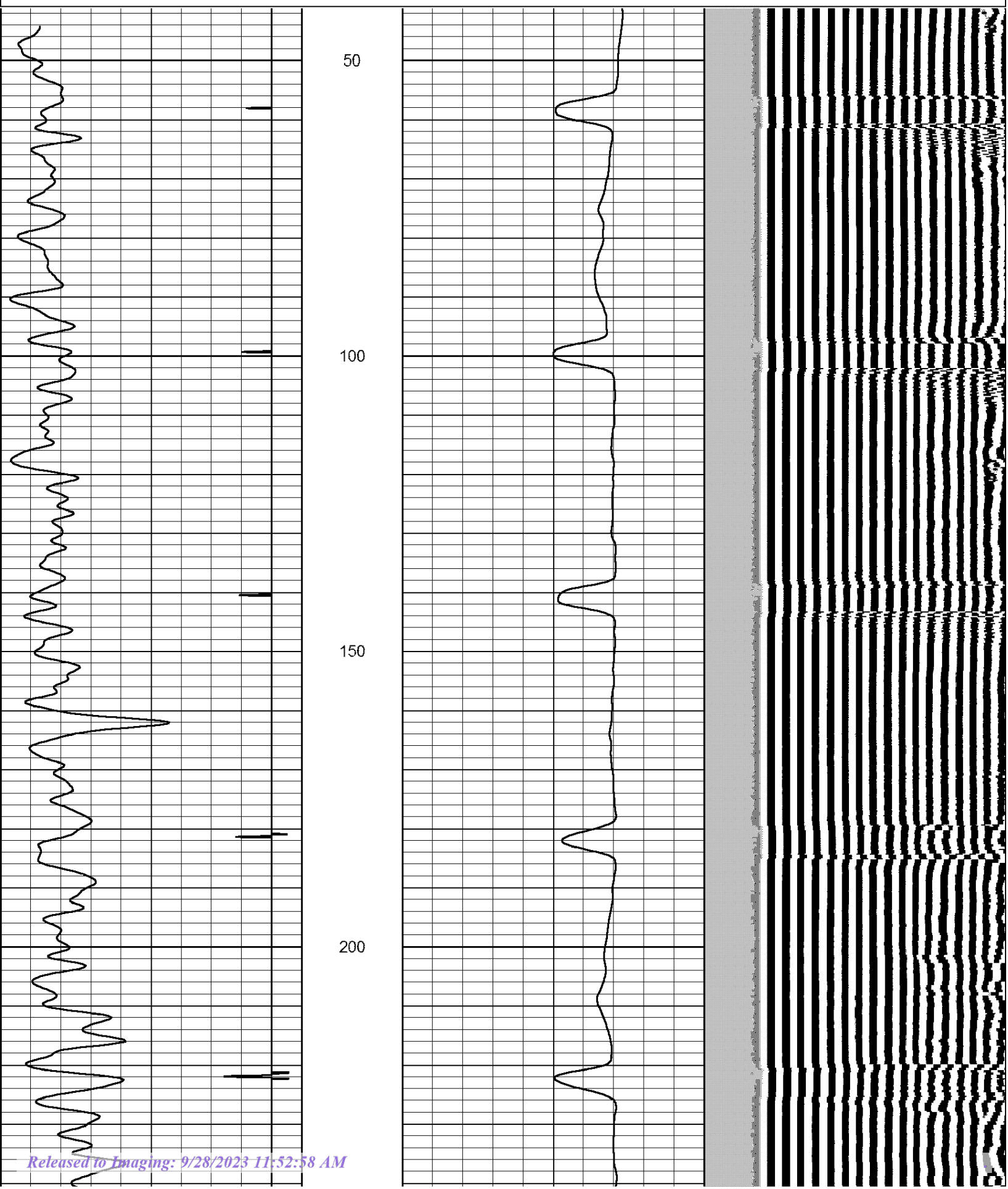
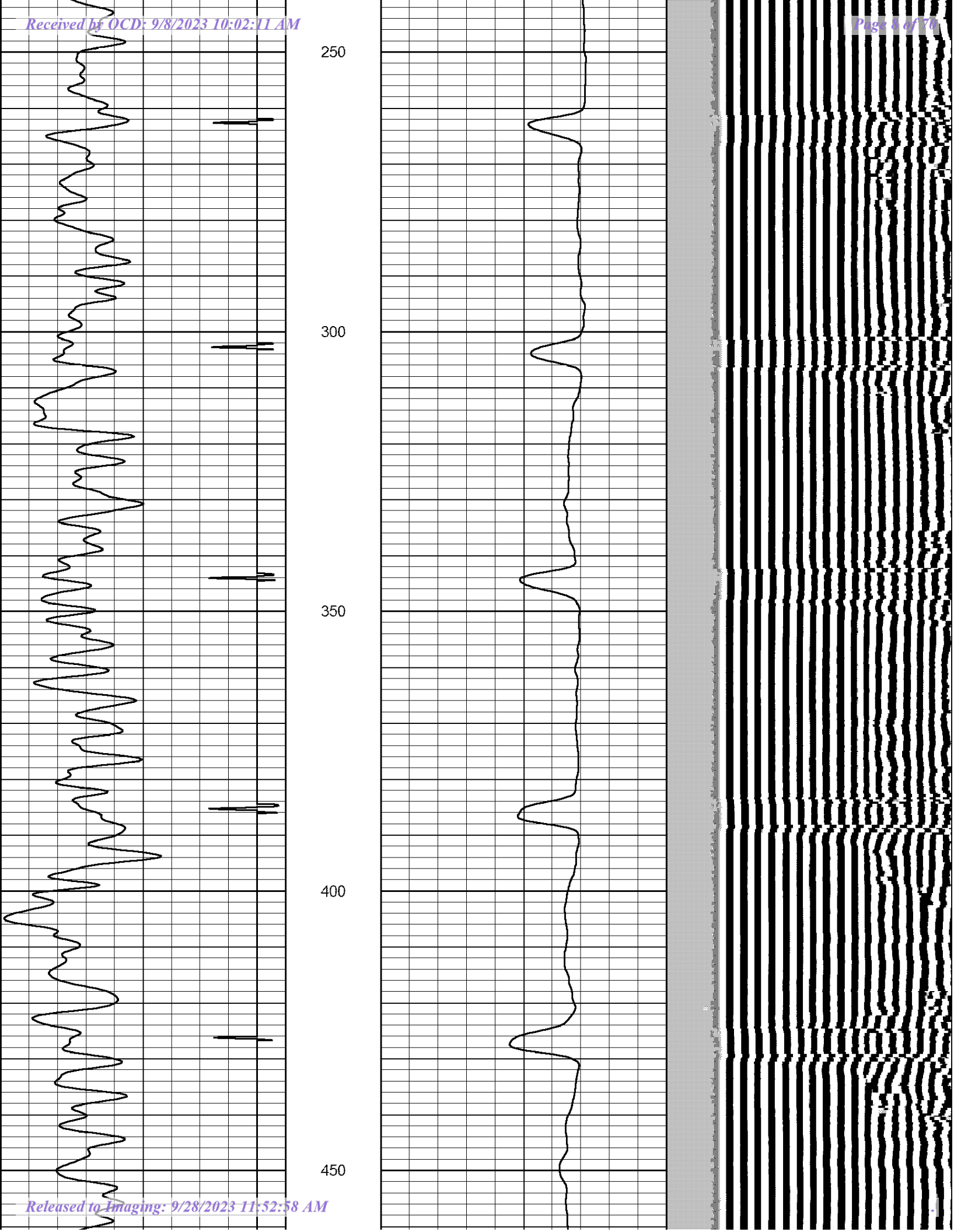
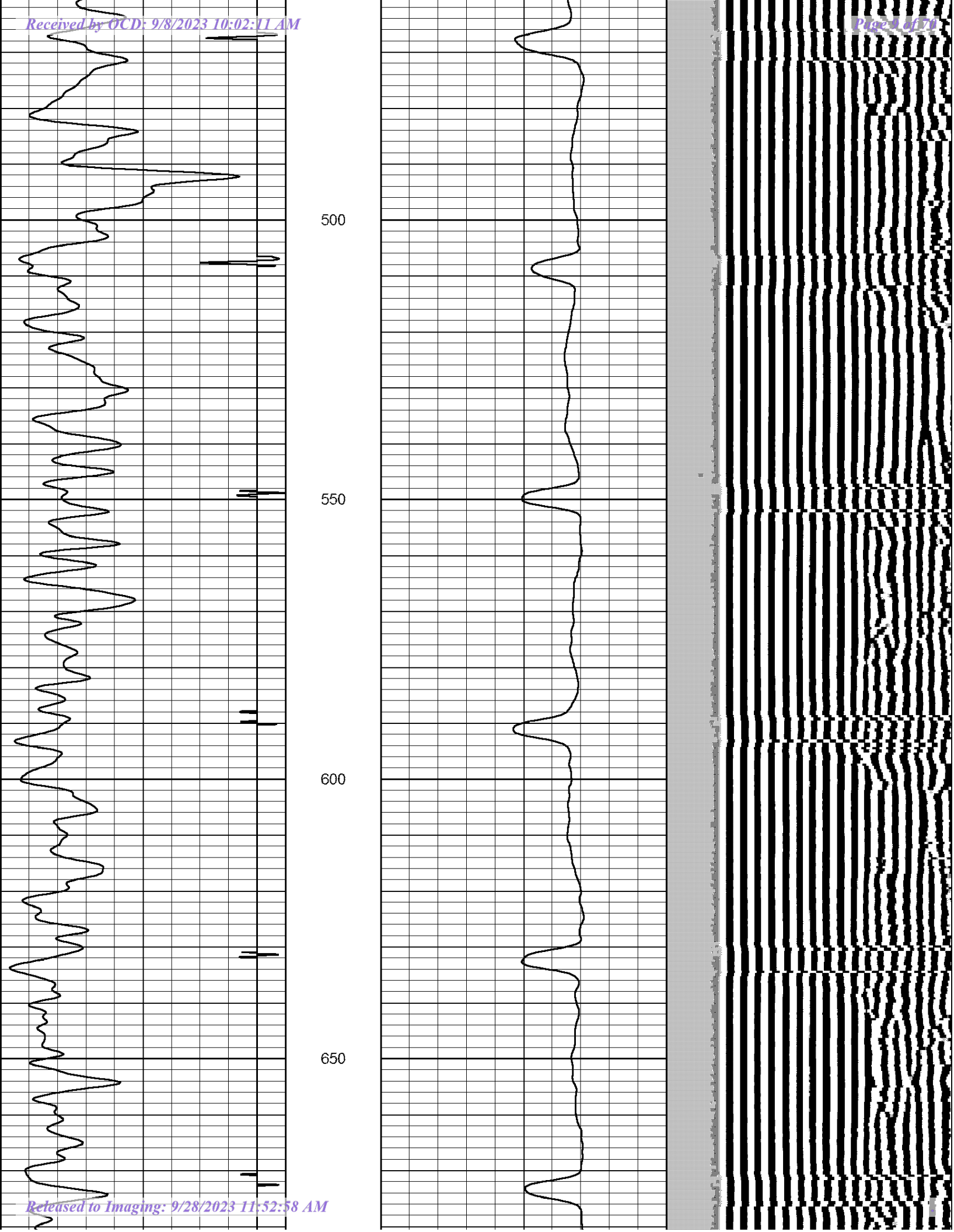
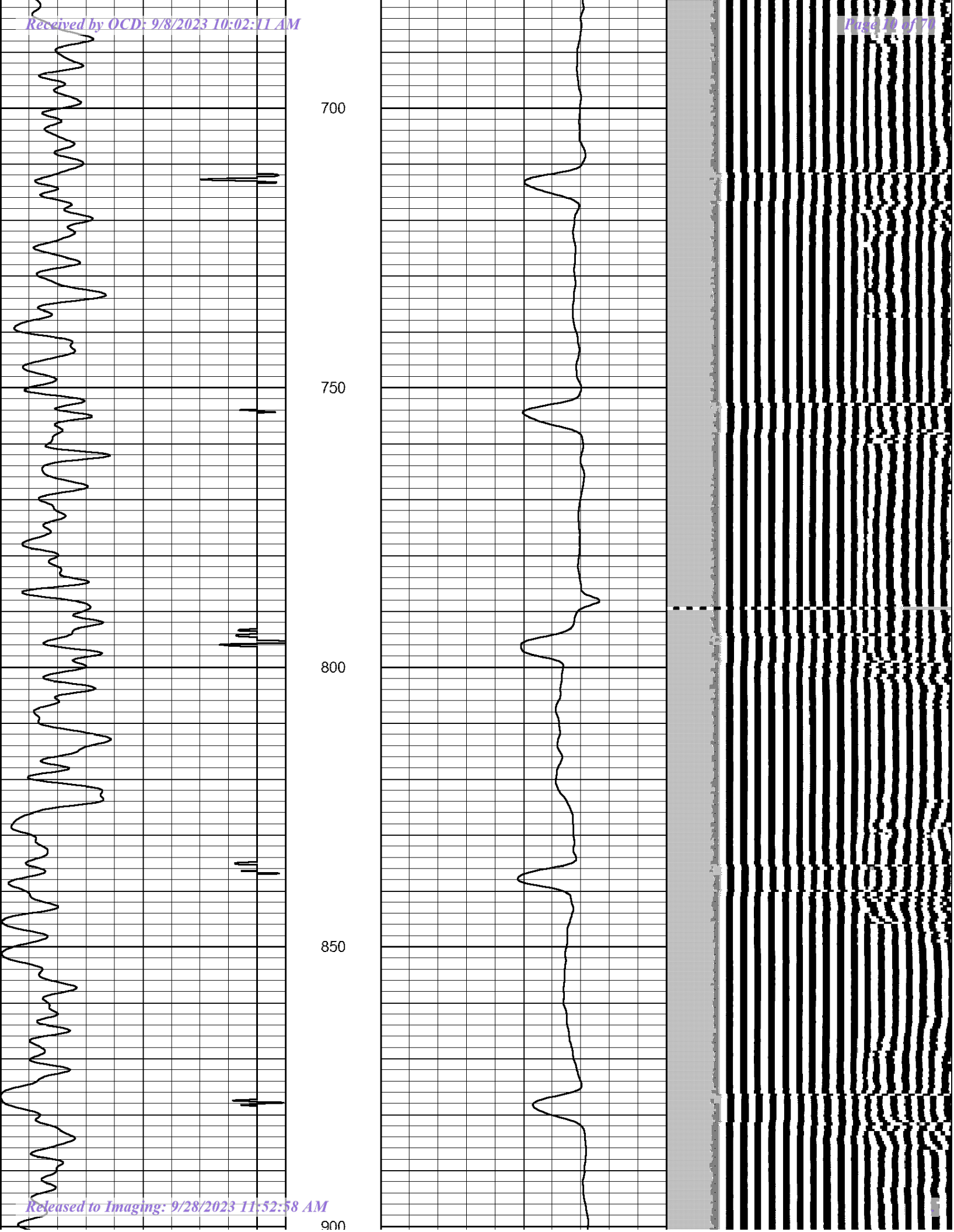
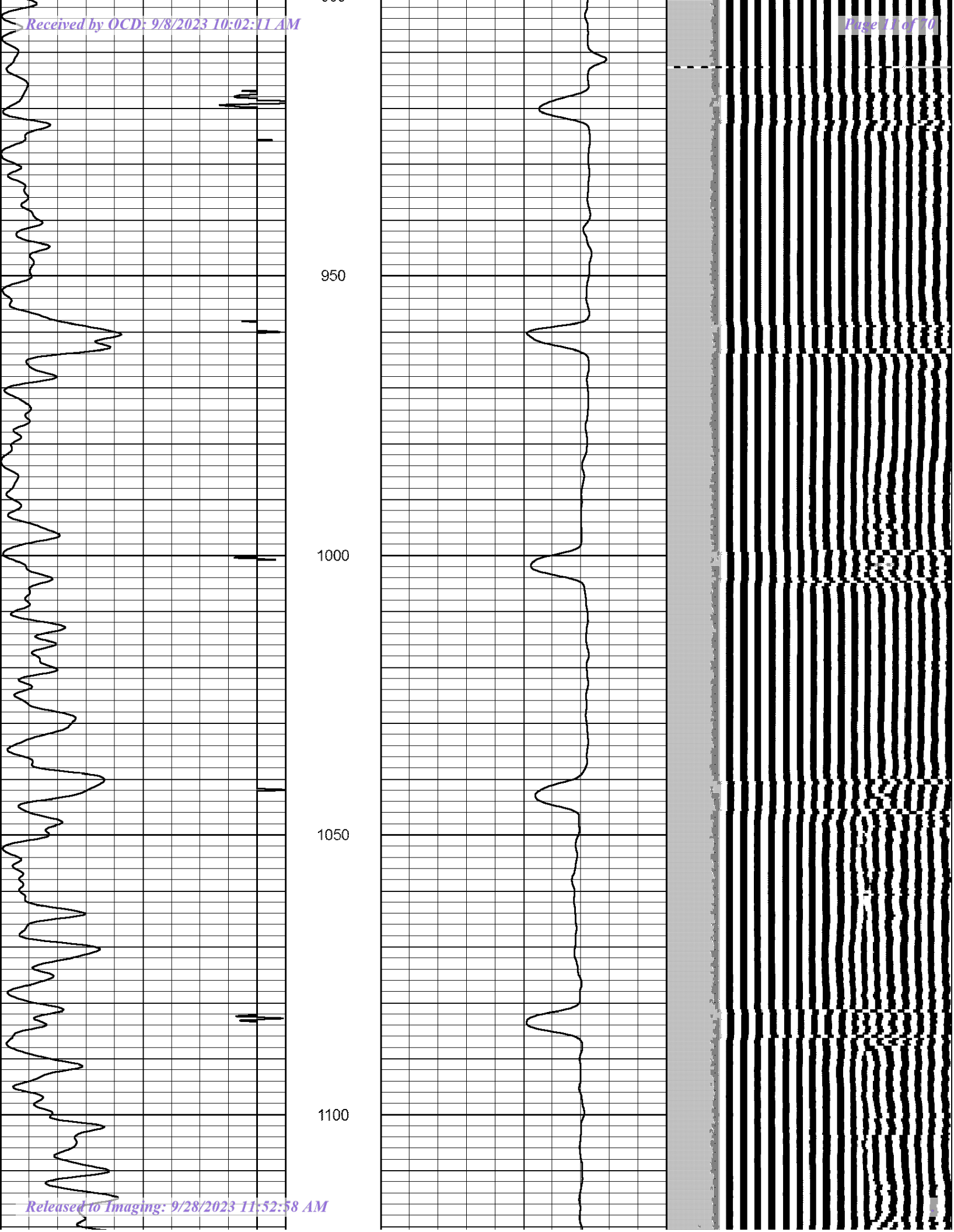
Presentation Format:	cbl_drs
Dataset Creation:	Wed Jul 16 09:27:23 2014 by Log SCH 120430

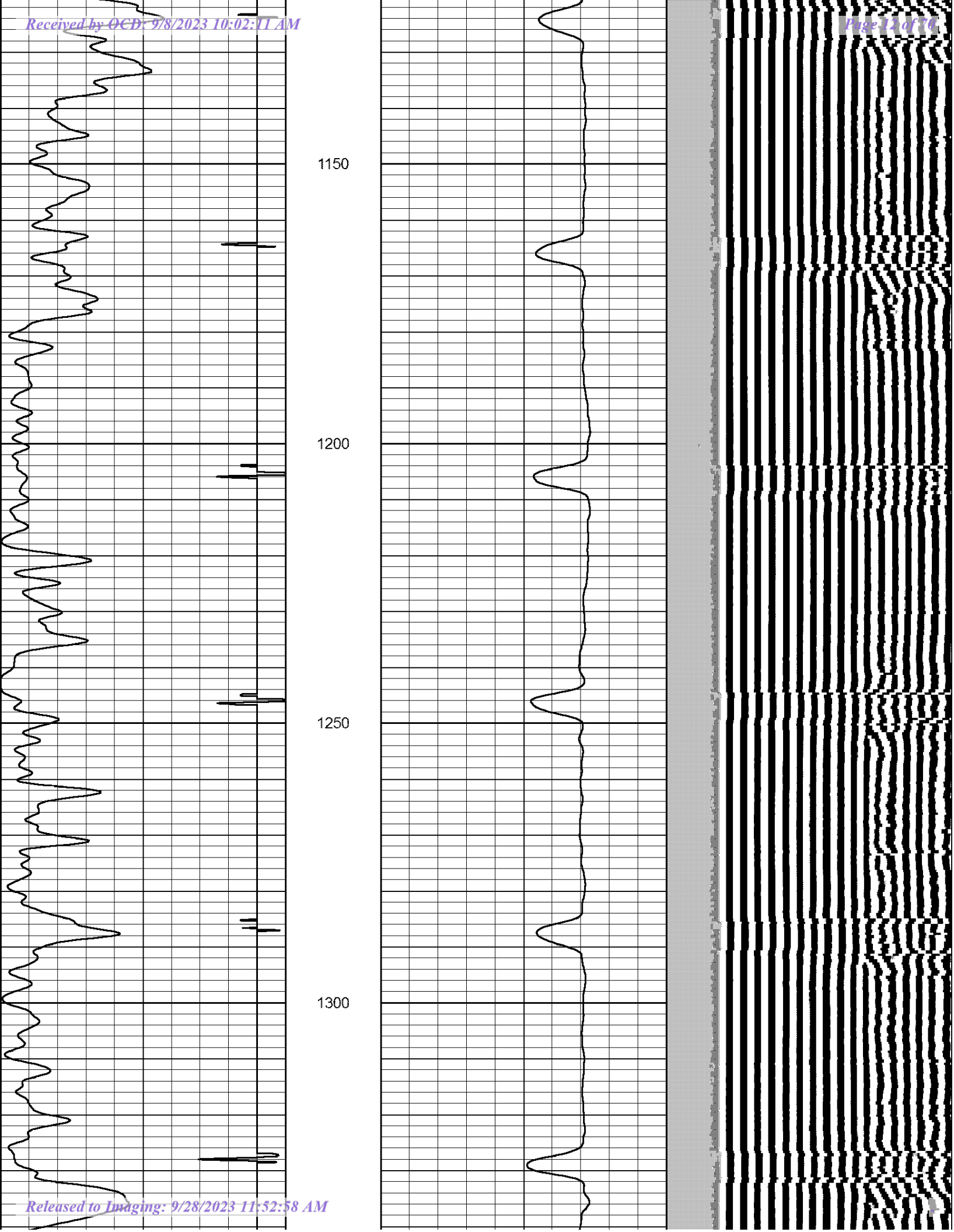


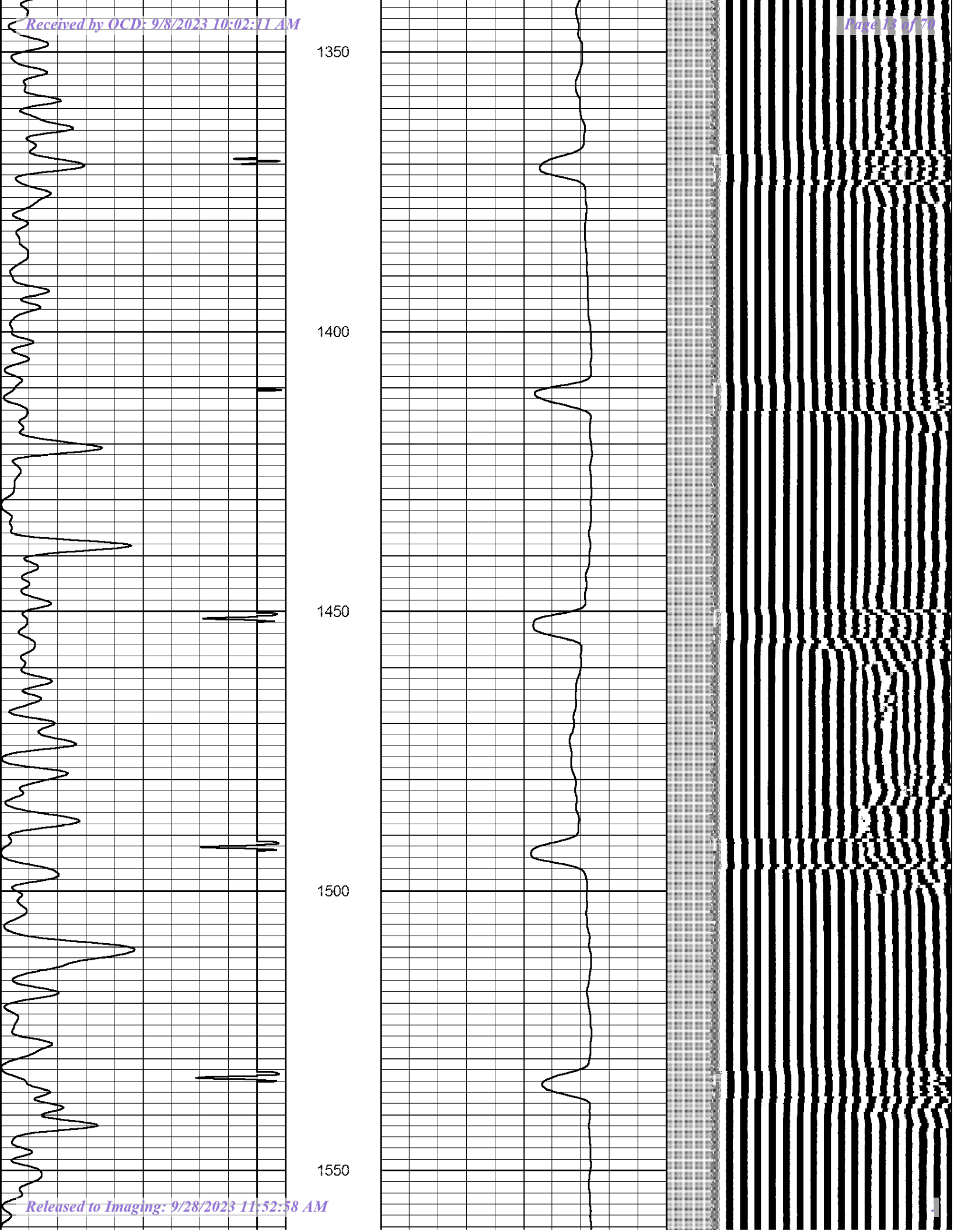


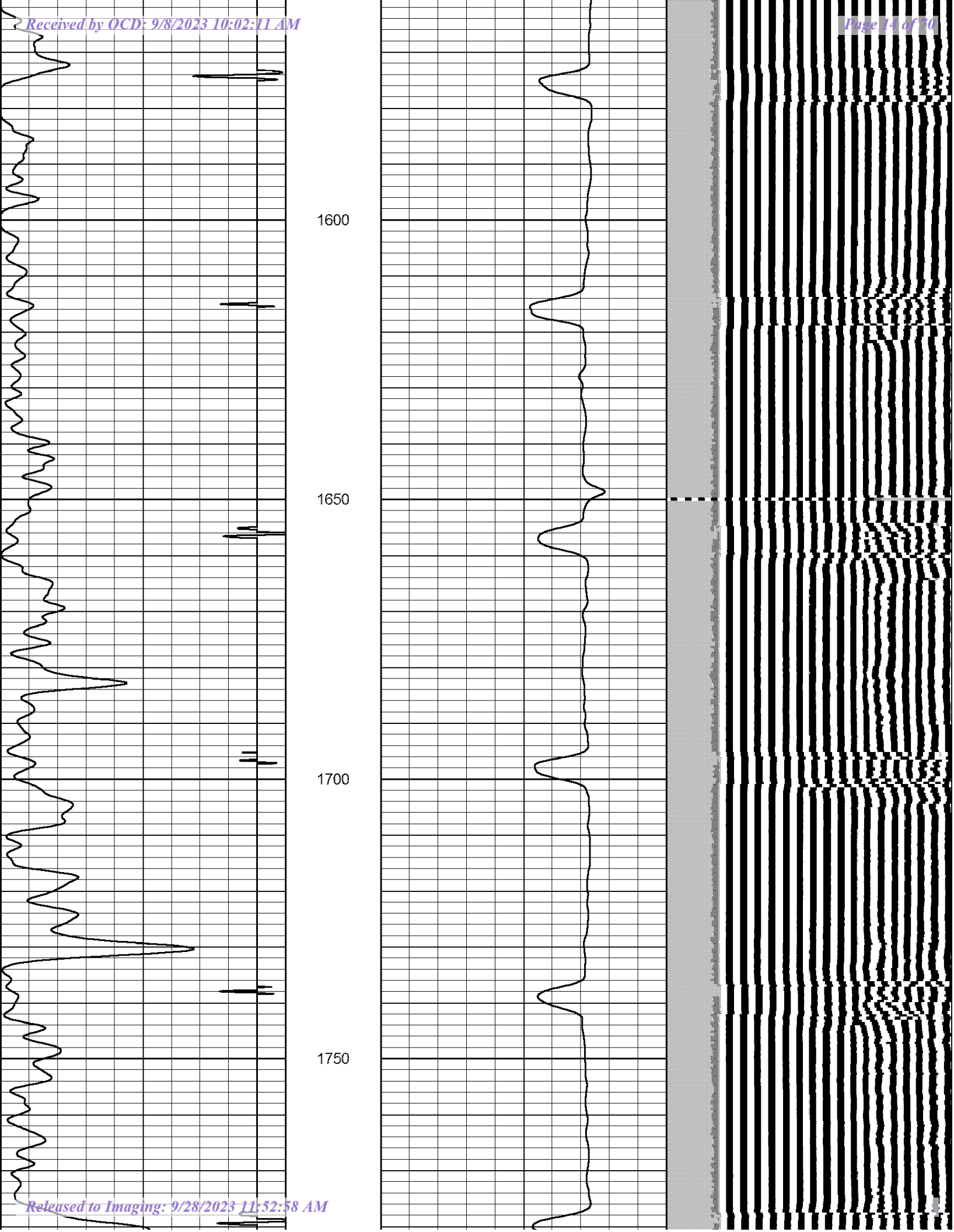


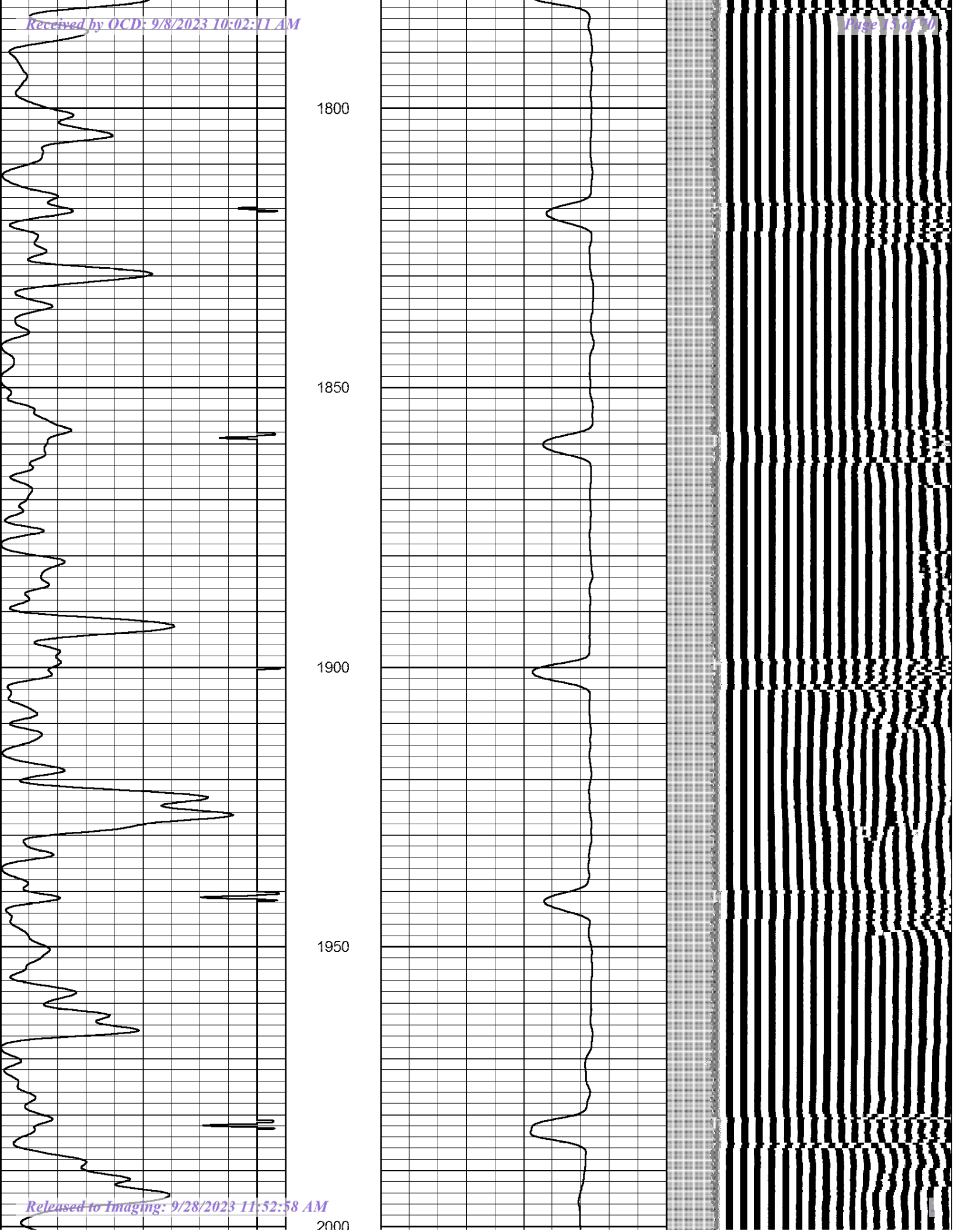


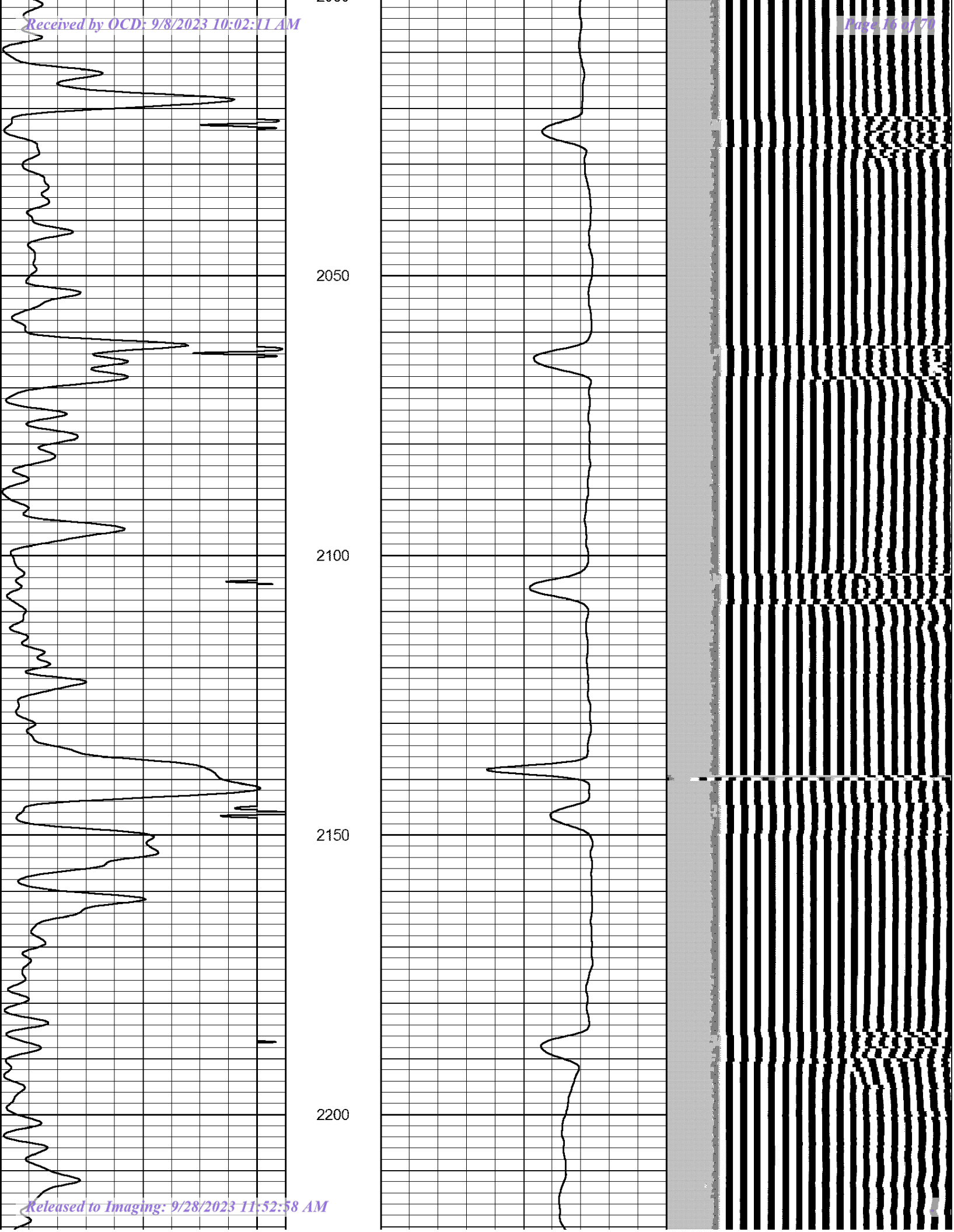


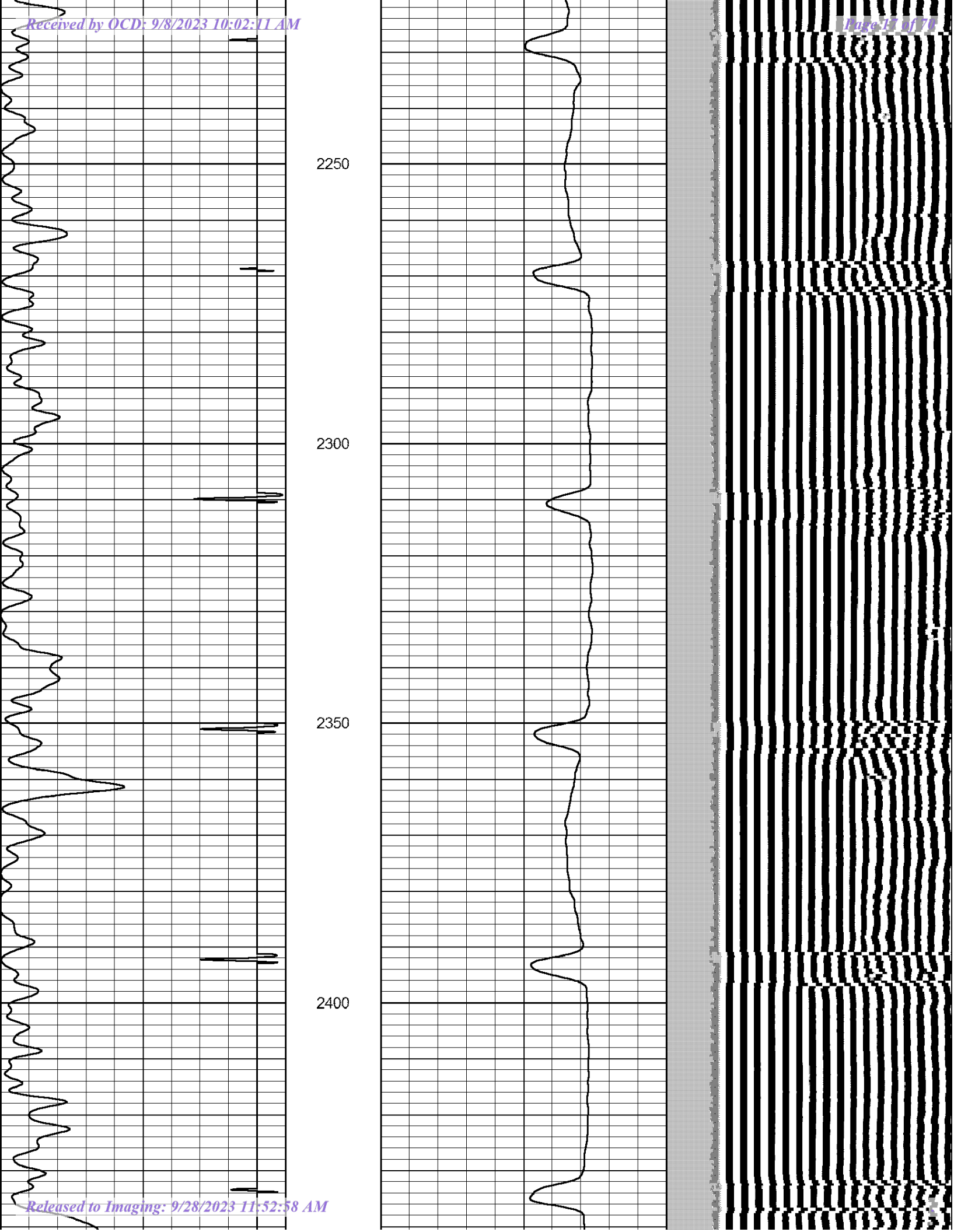


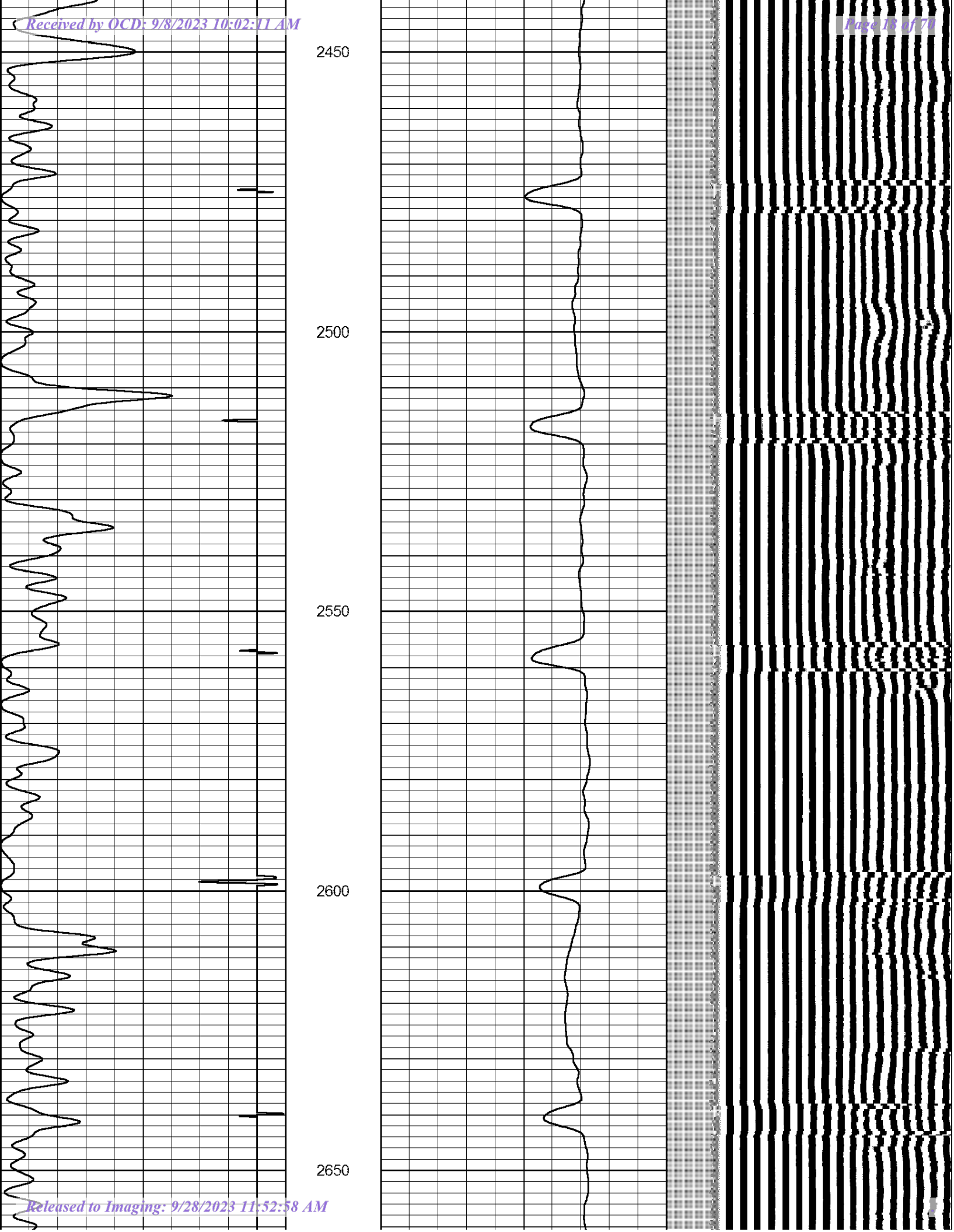


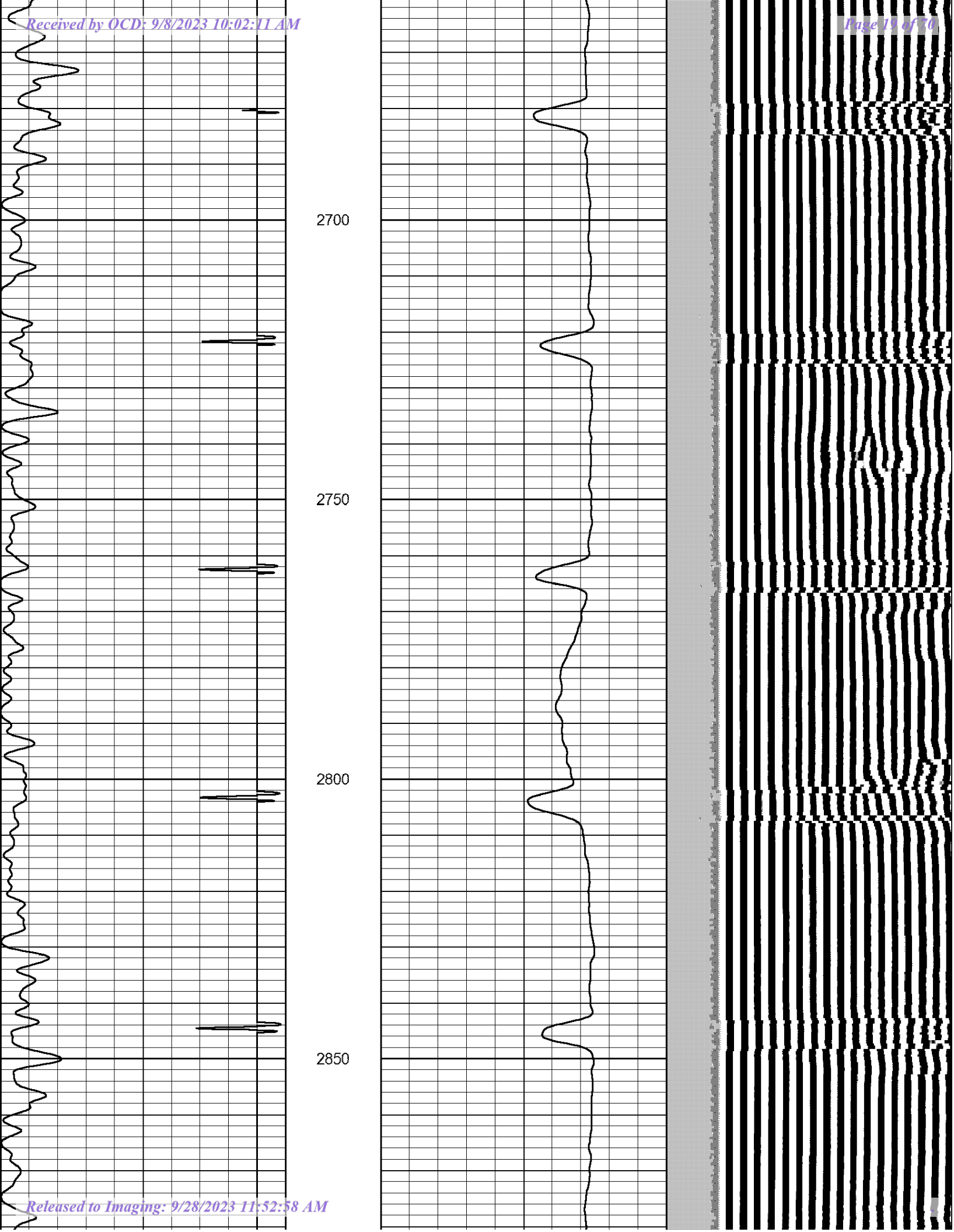


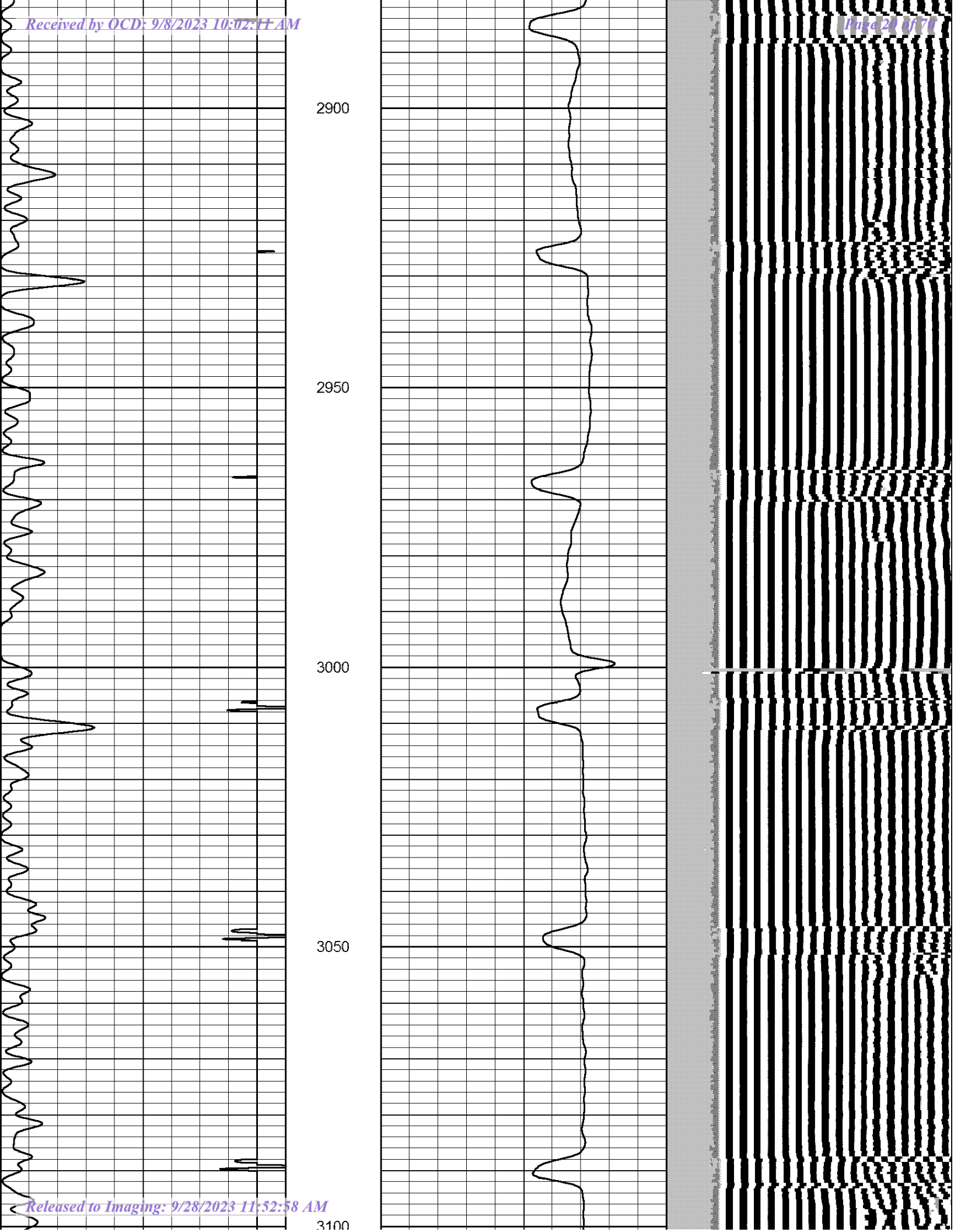


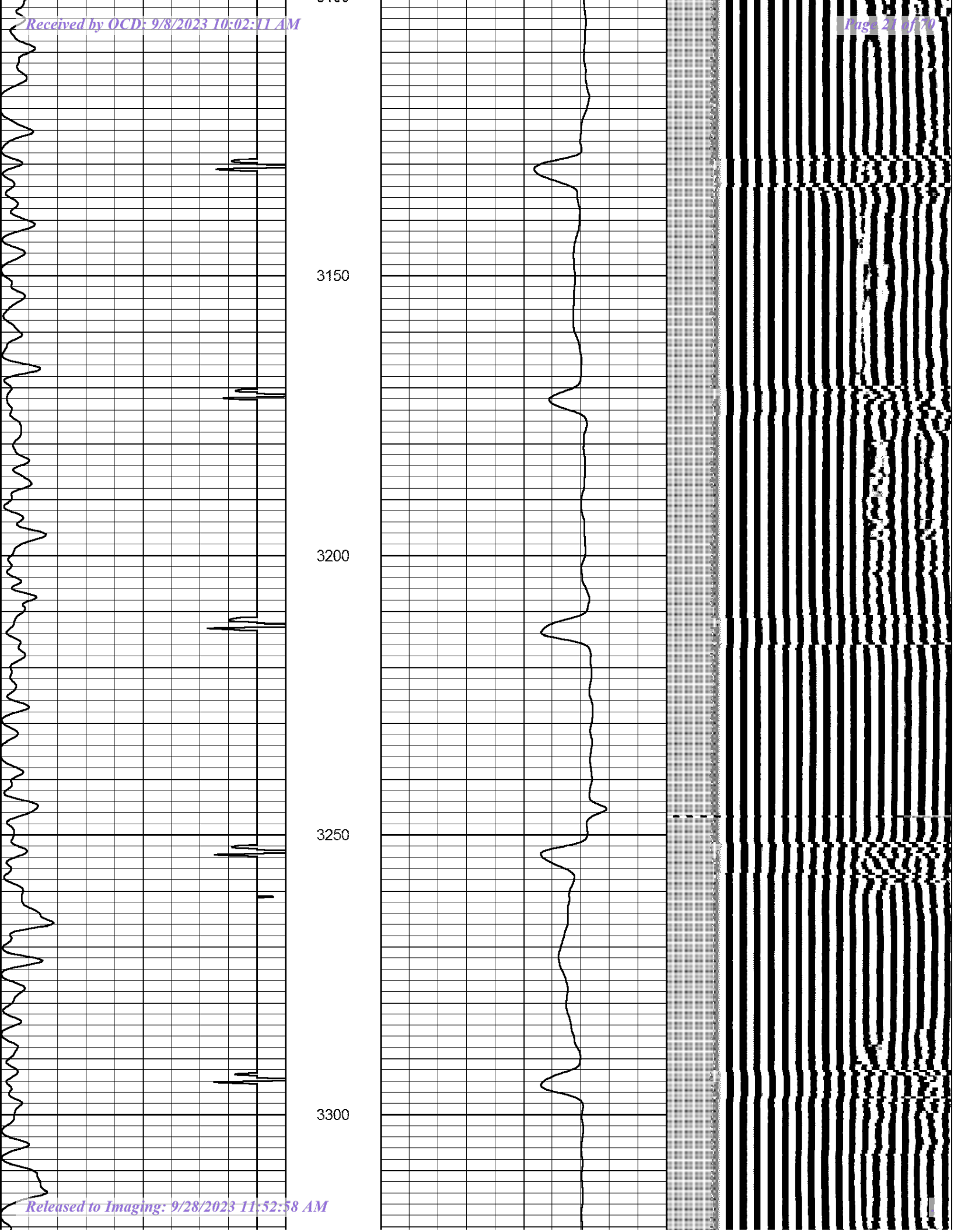


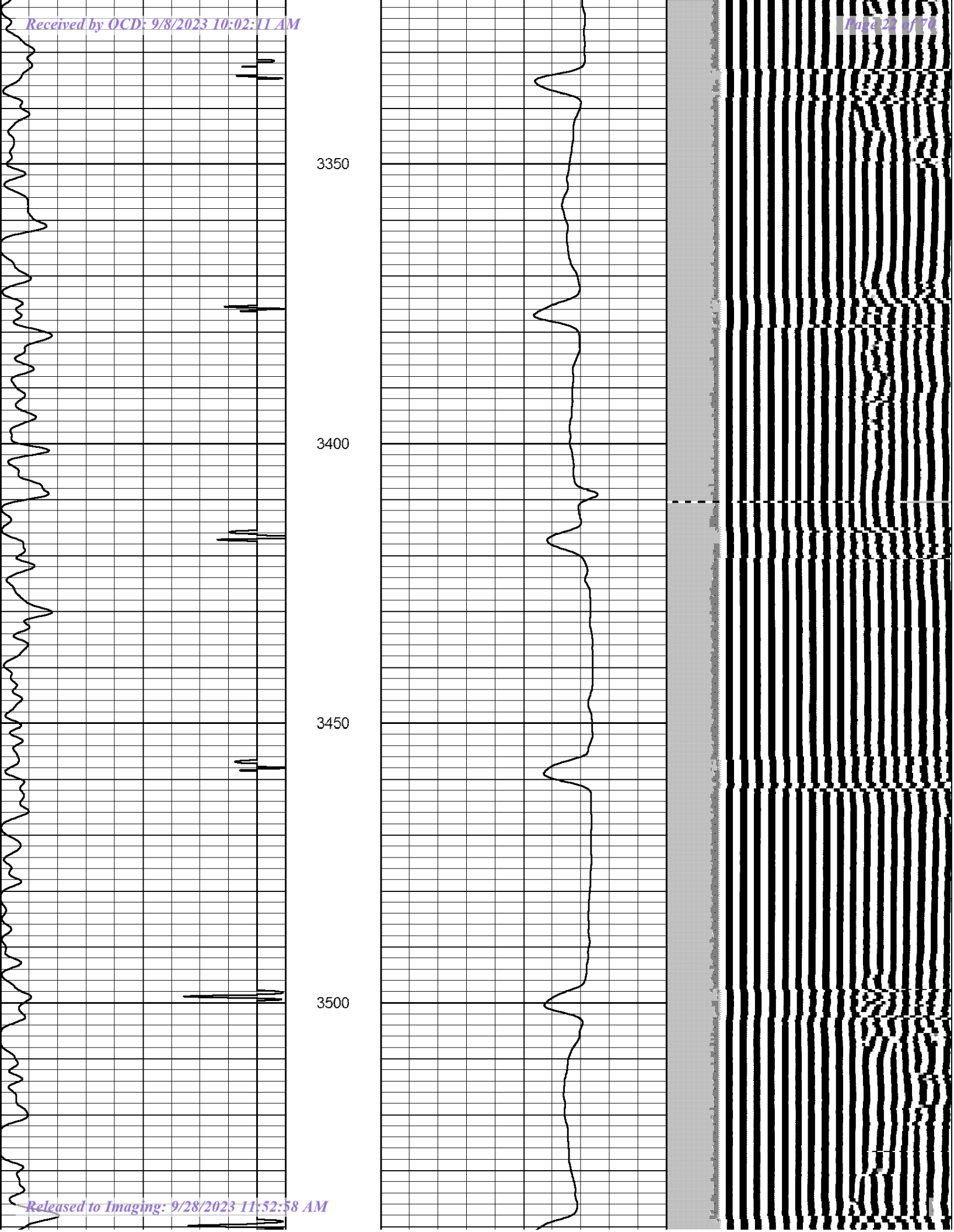


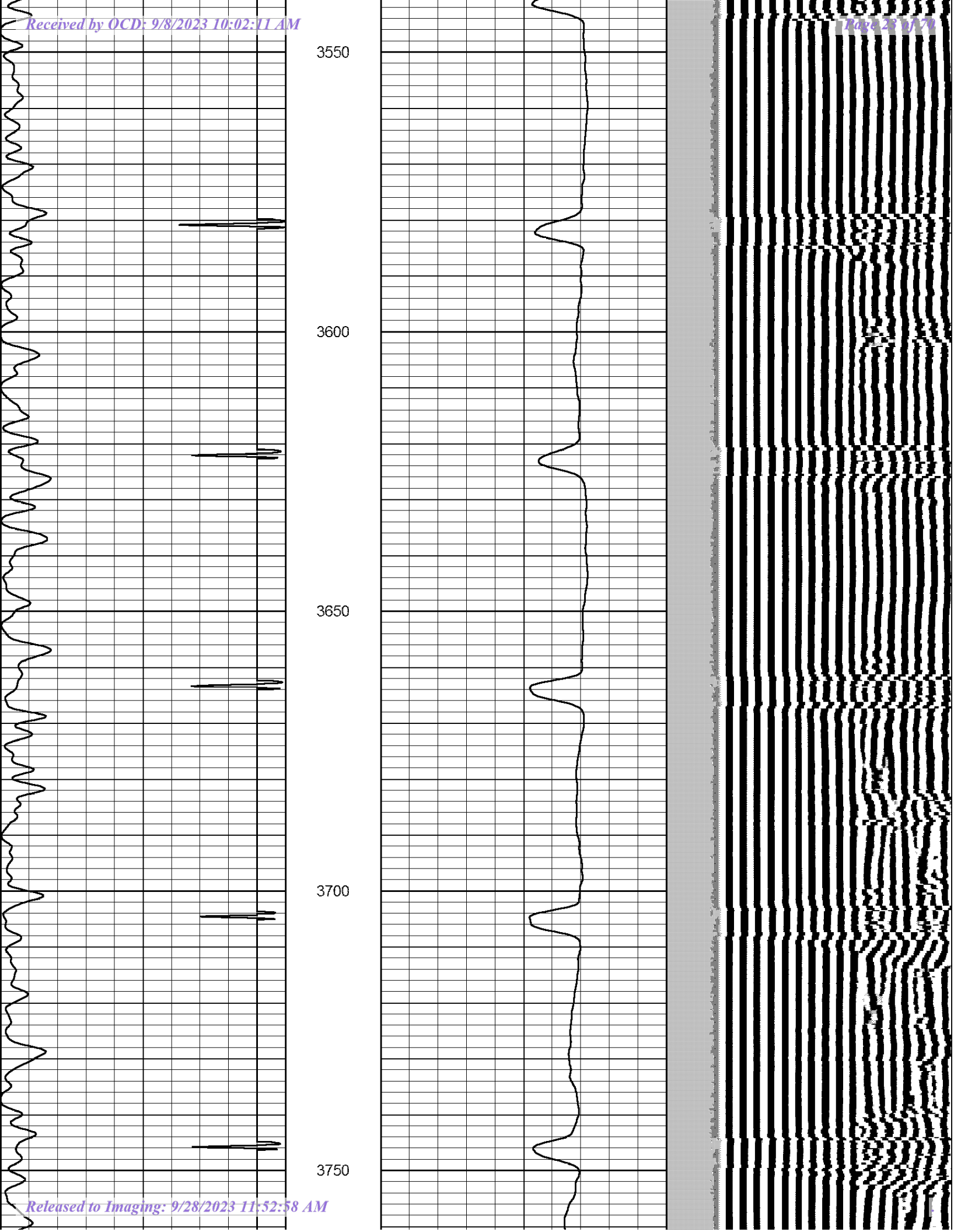


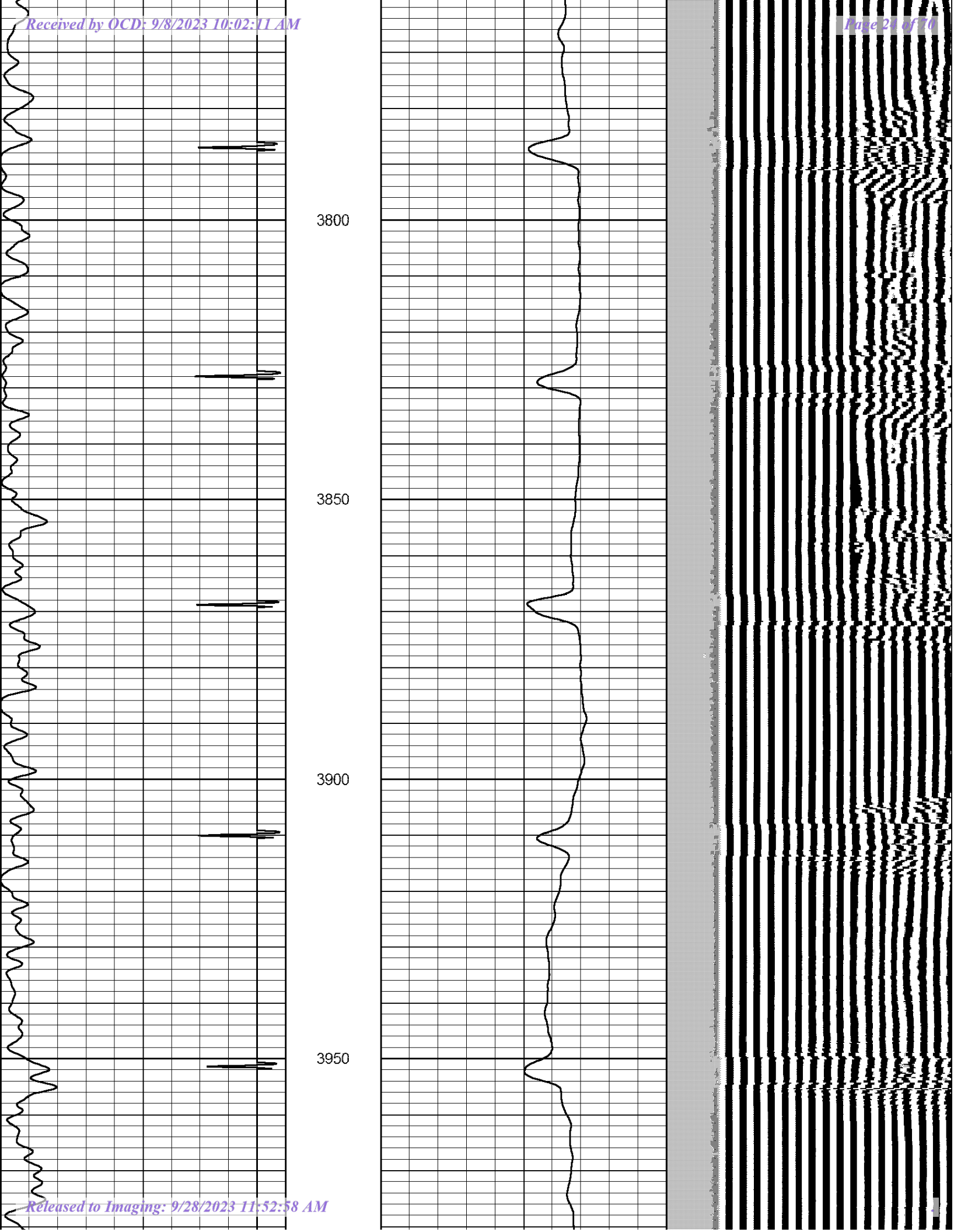








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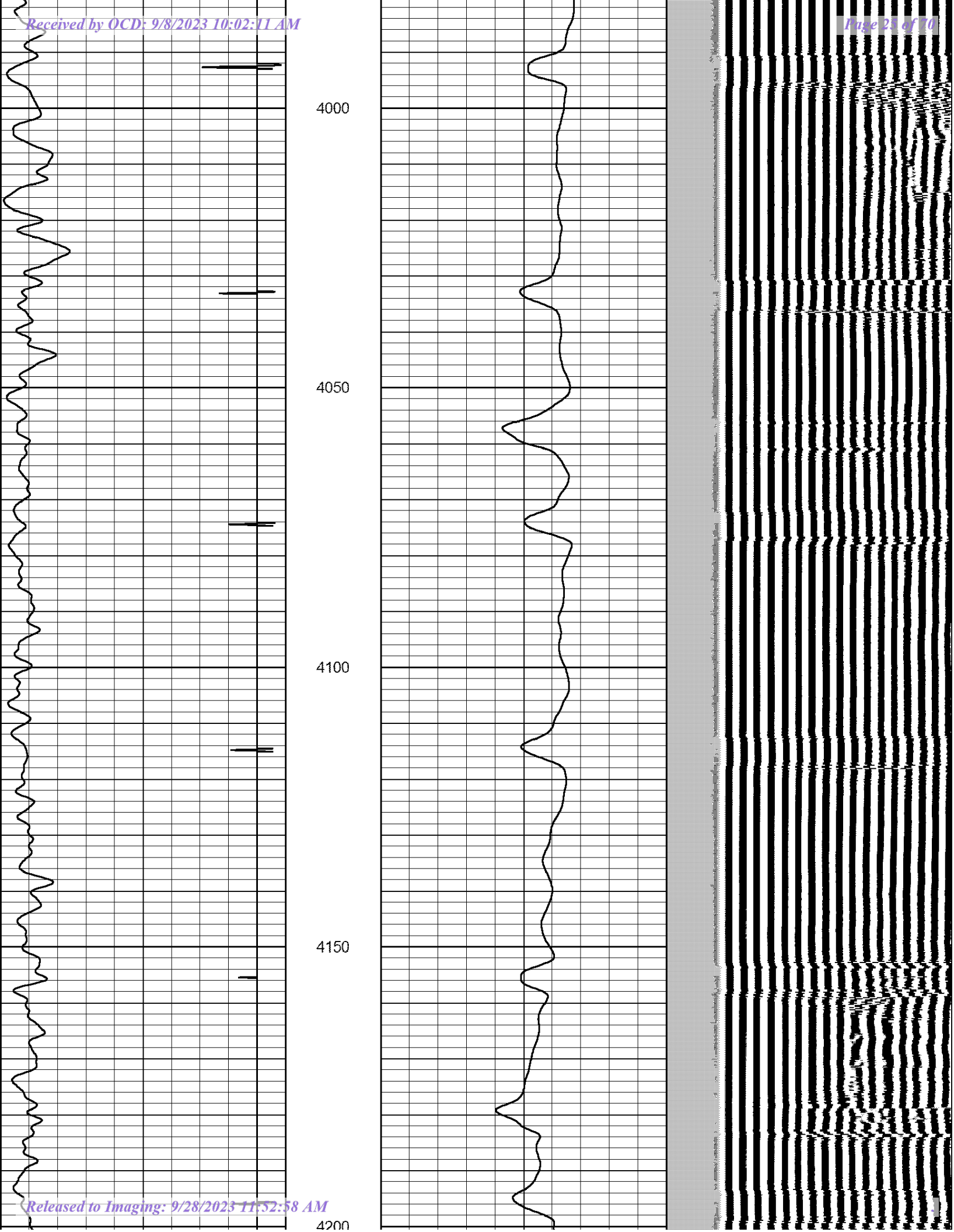

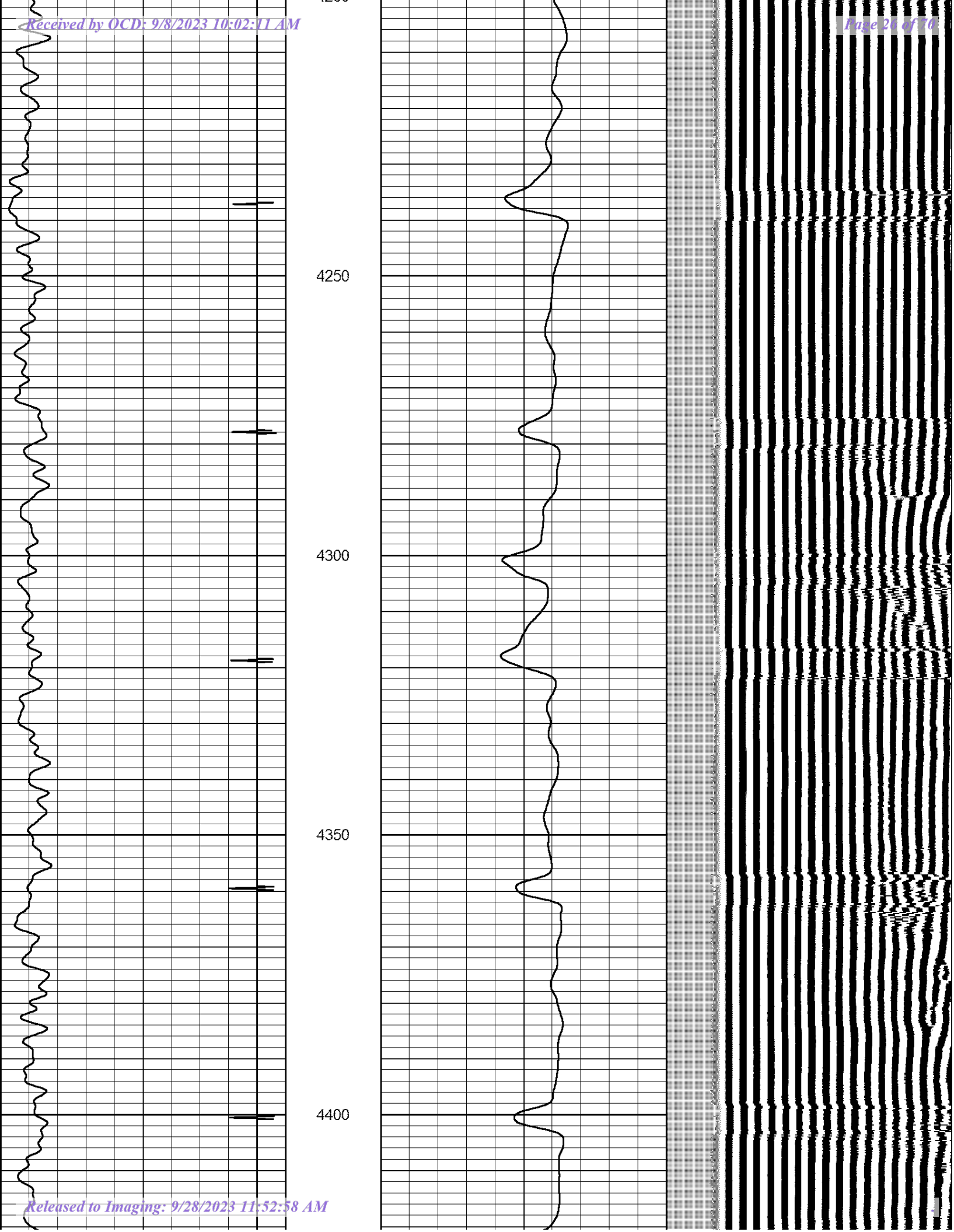

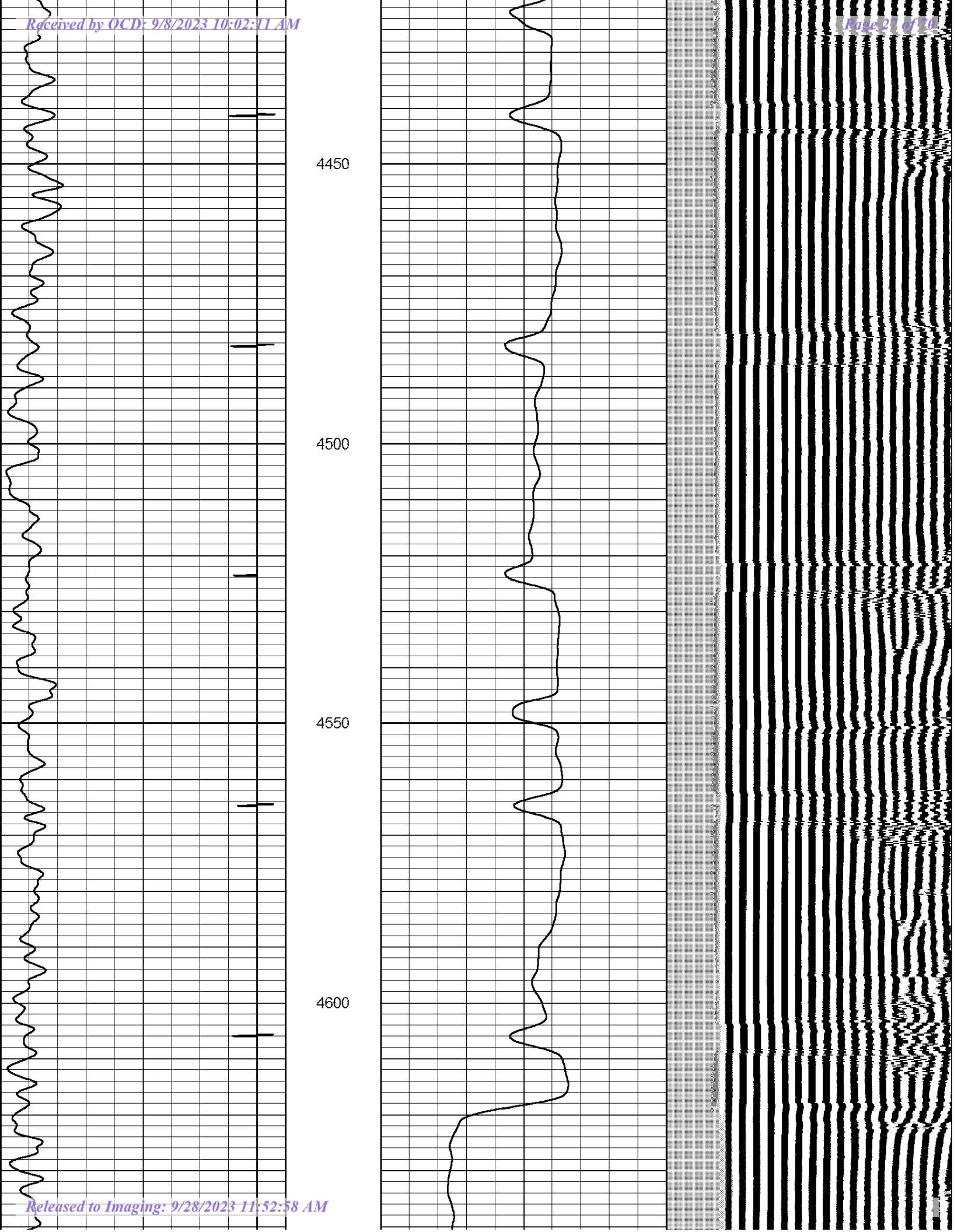

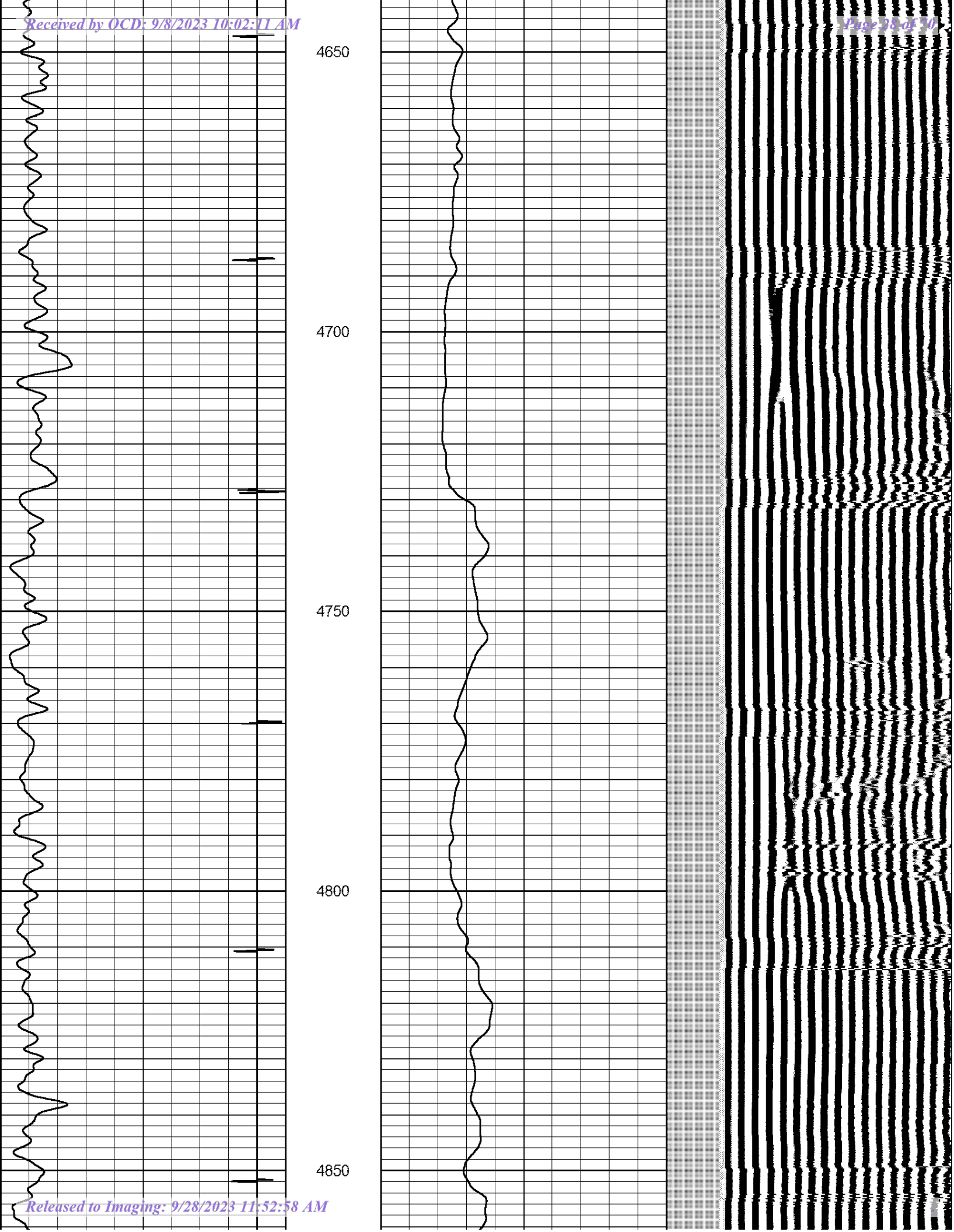

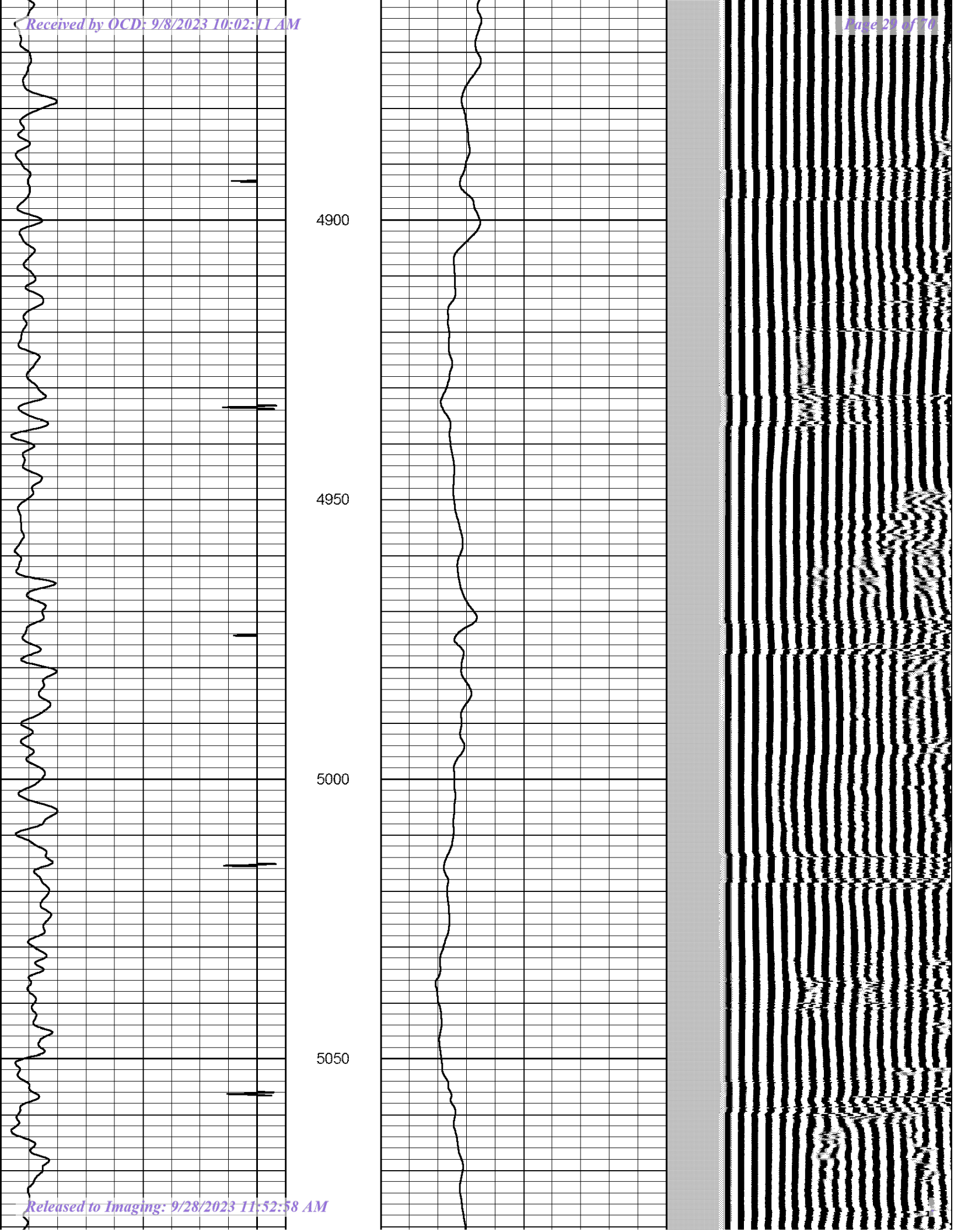

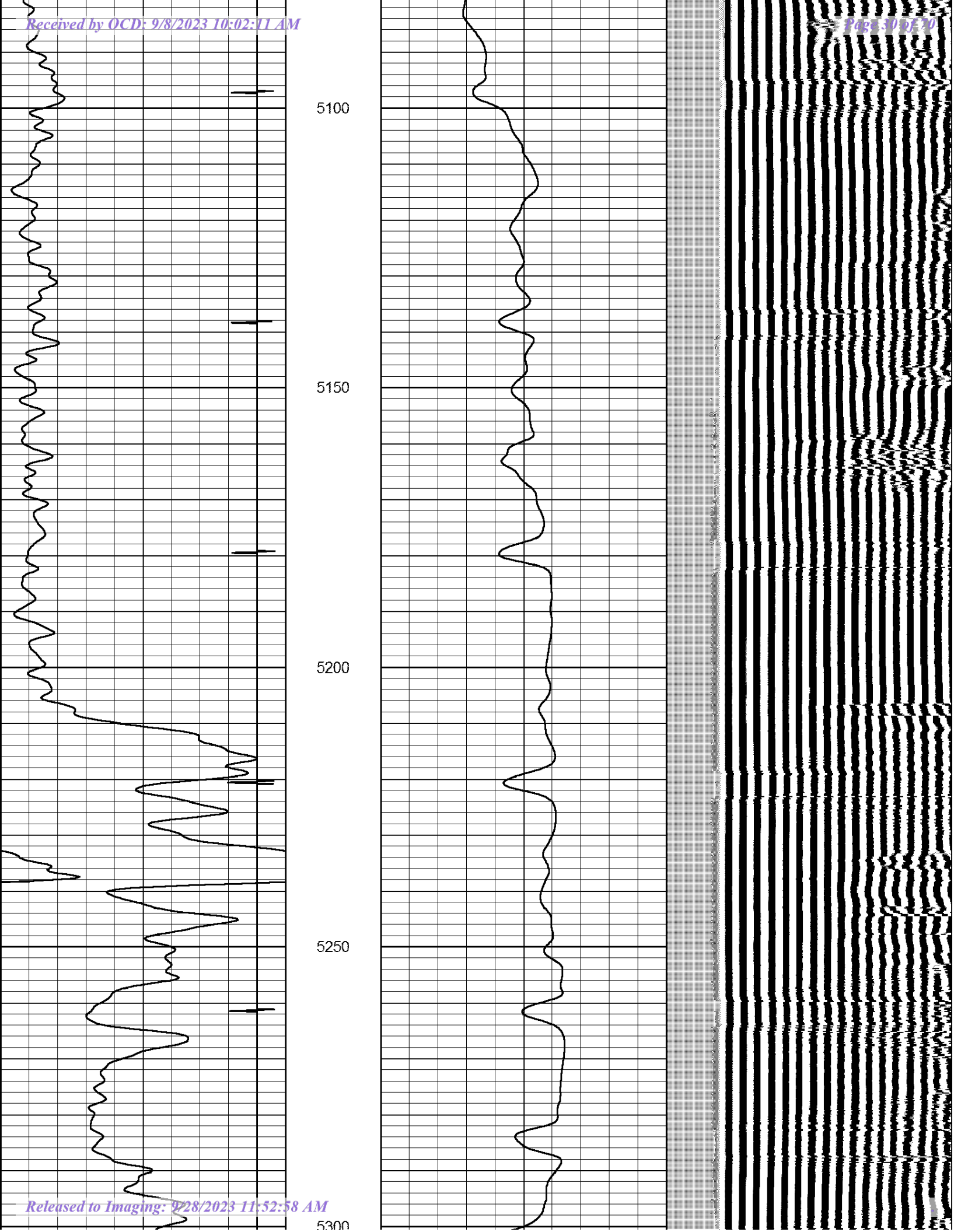

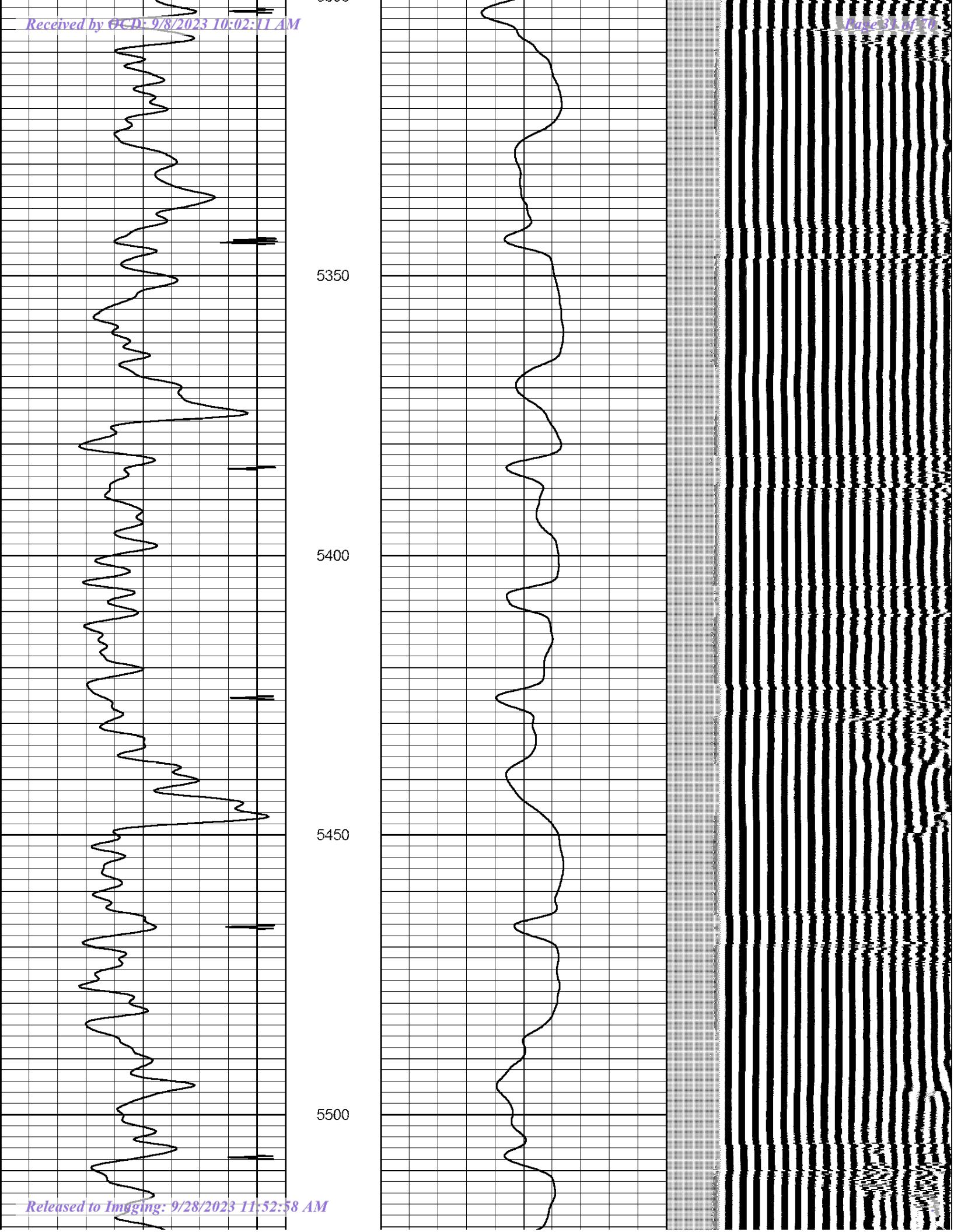

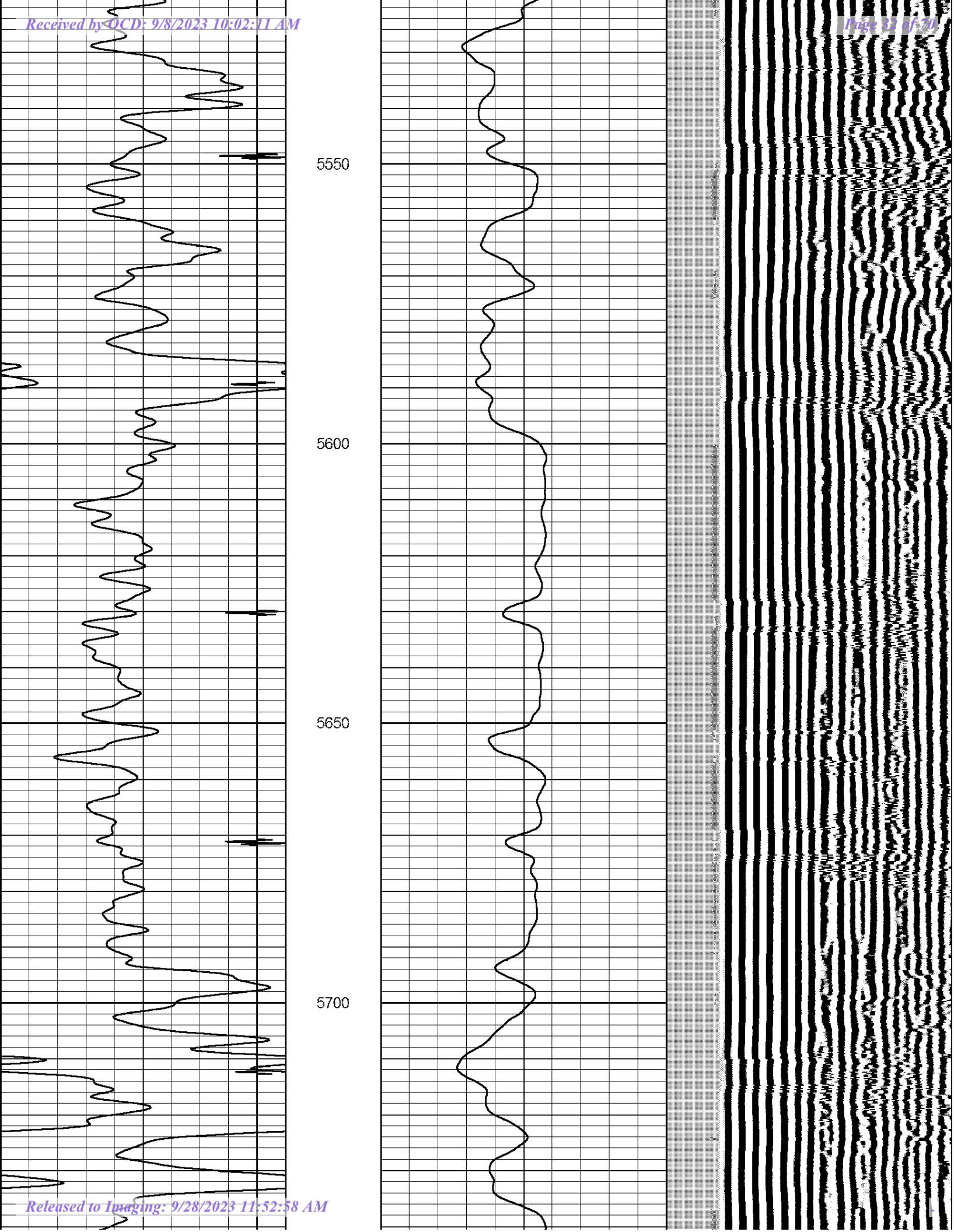

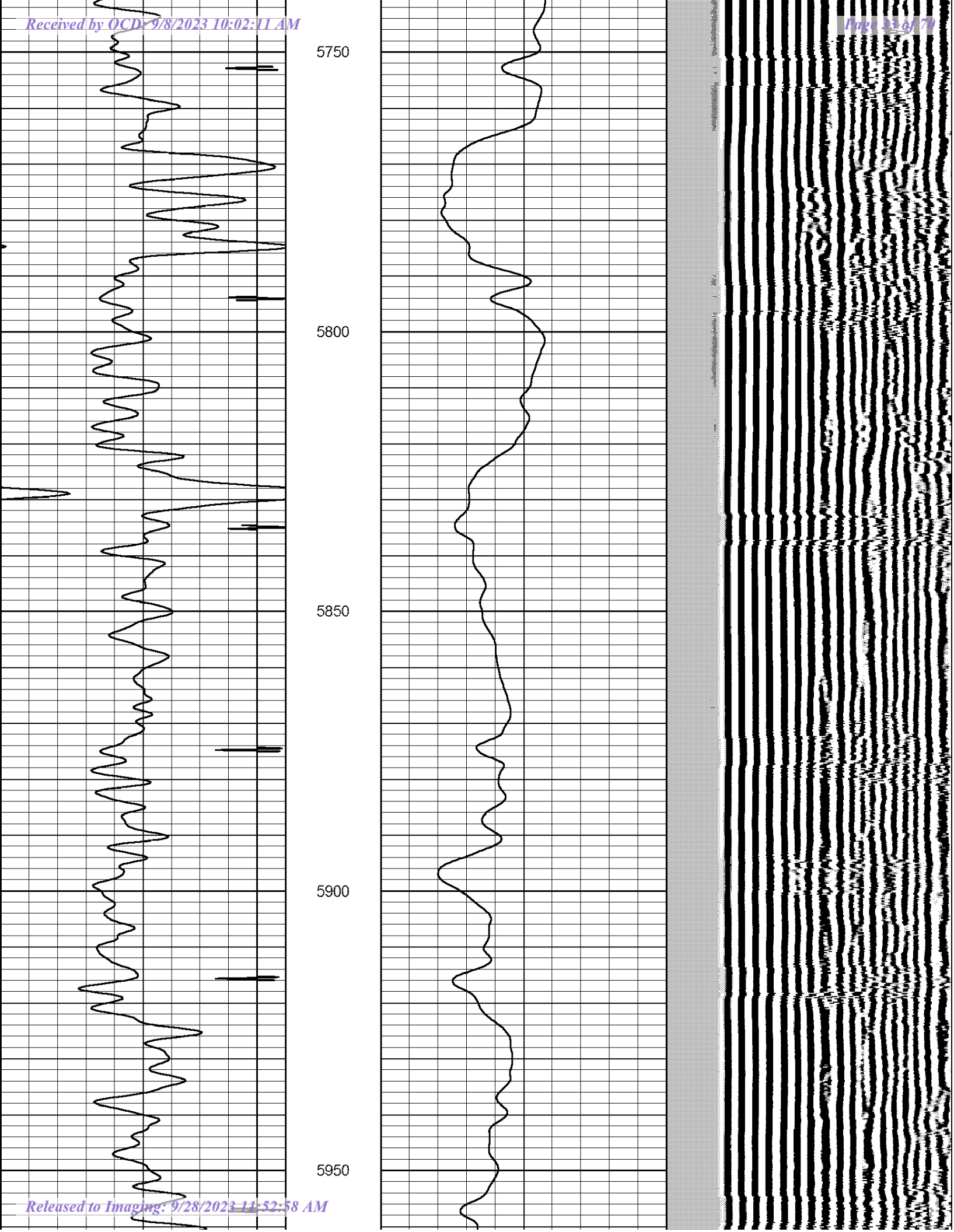

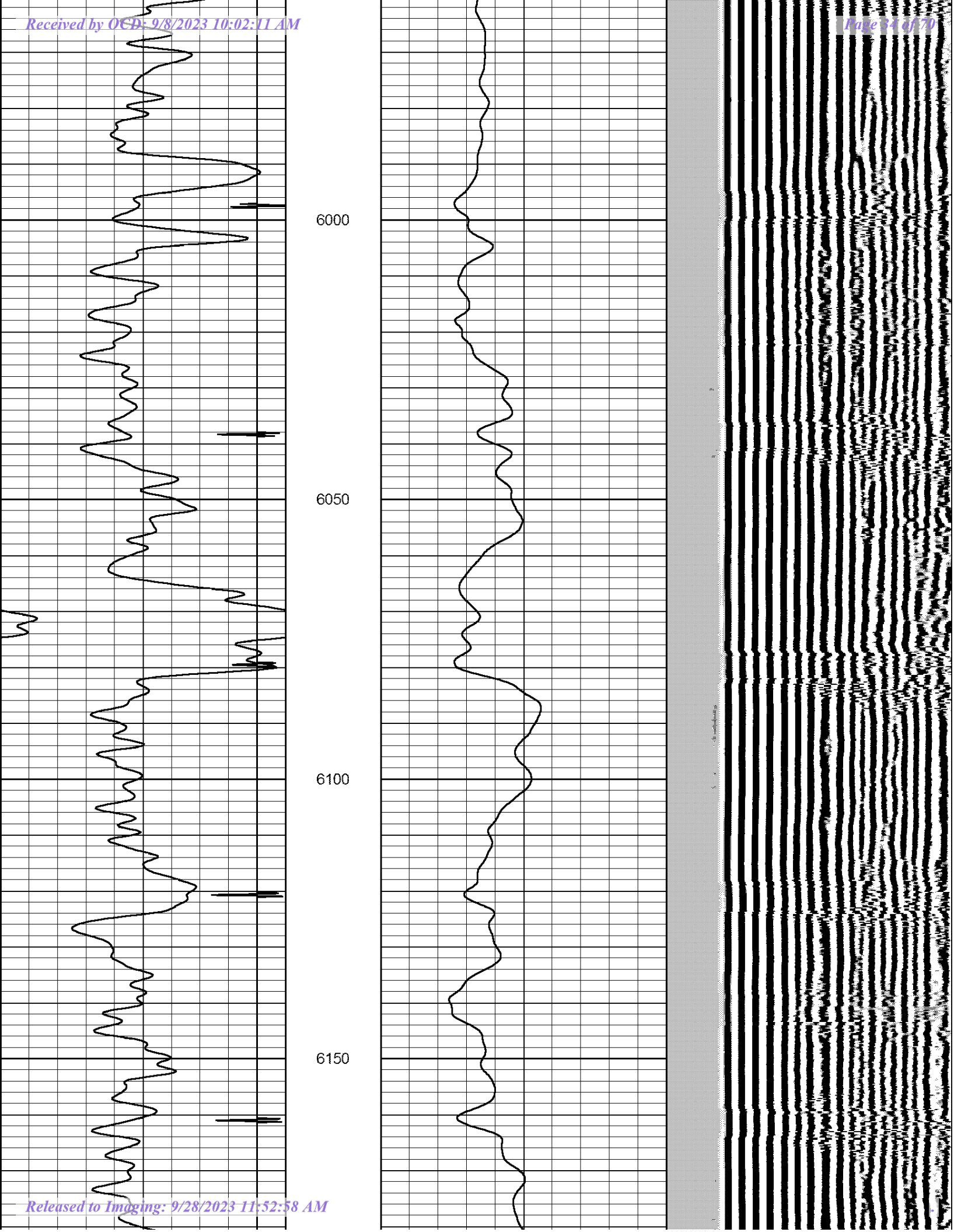

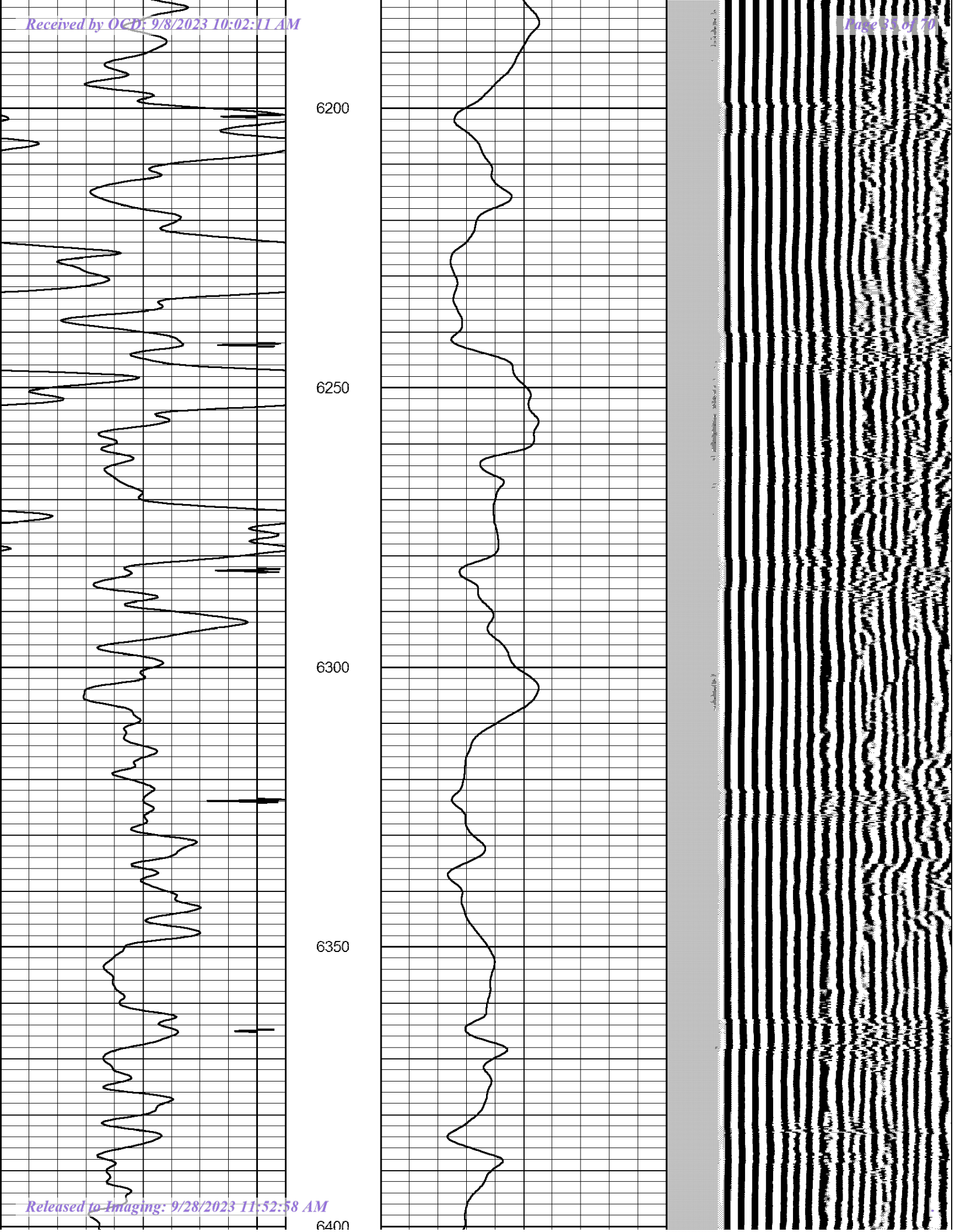

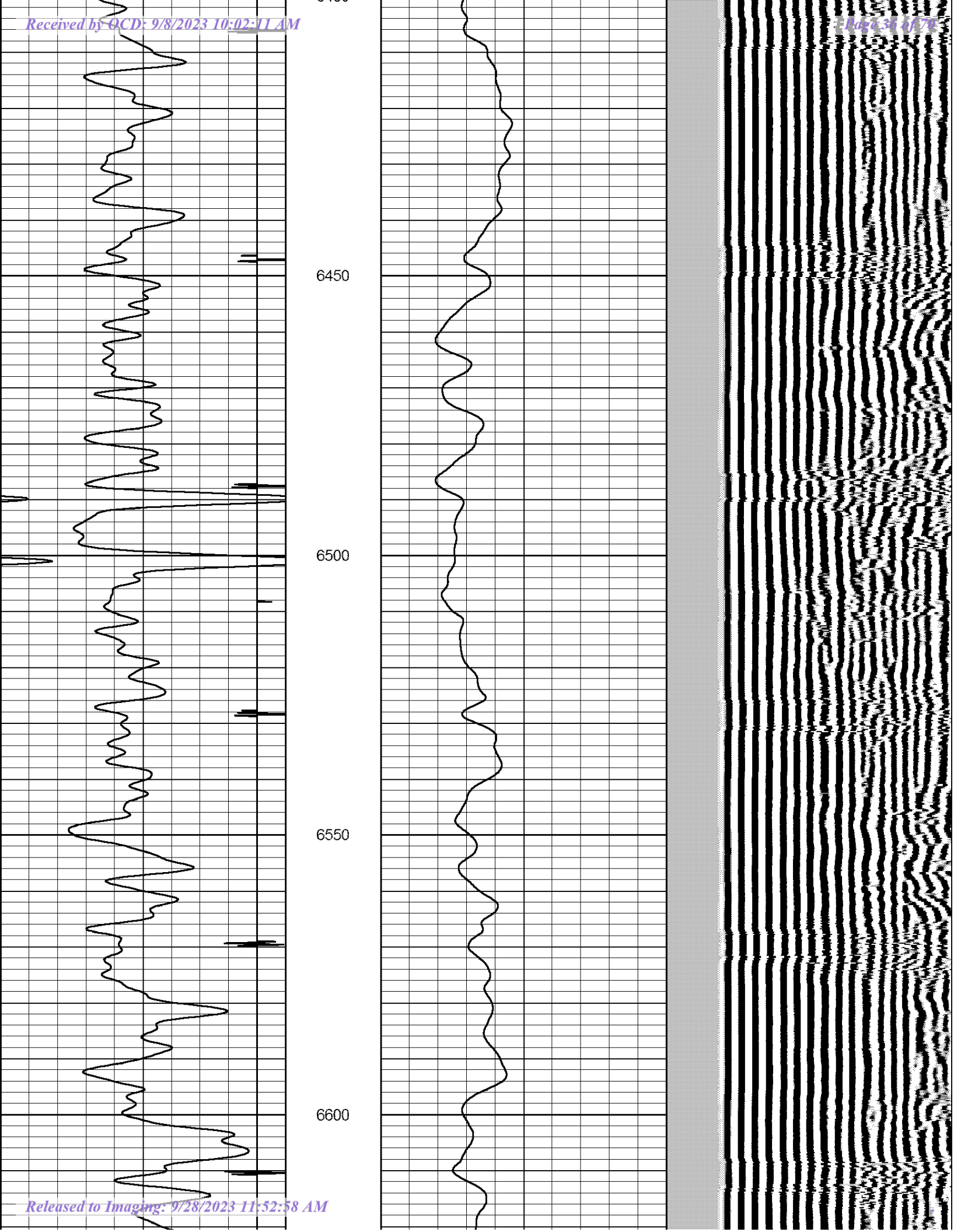

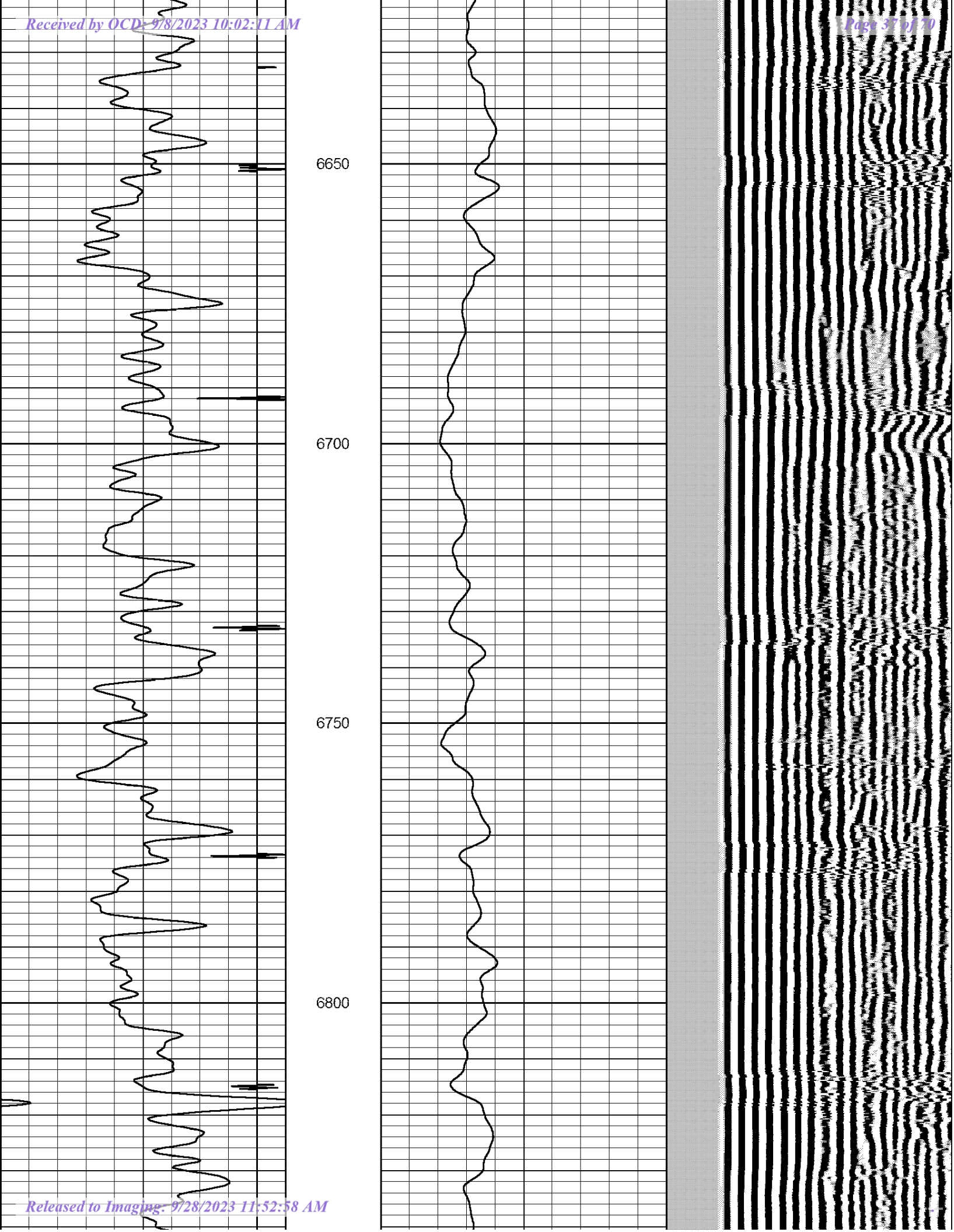

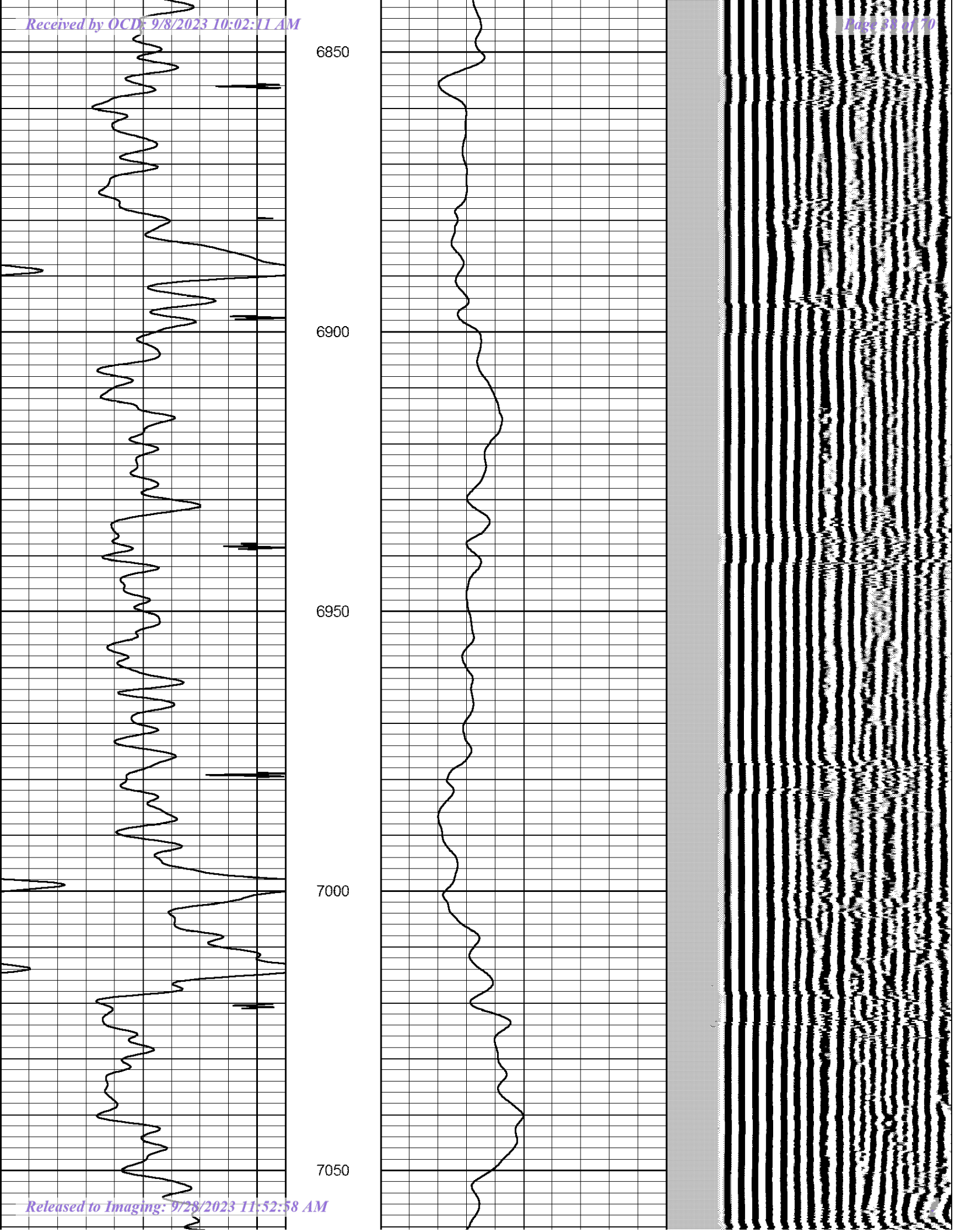

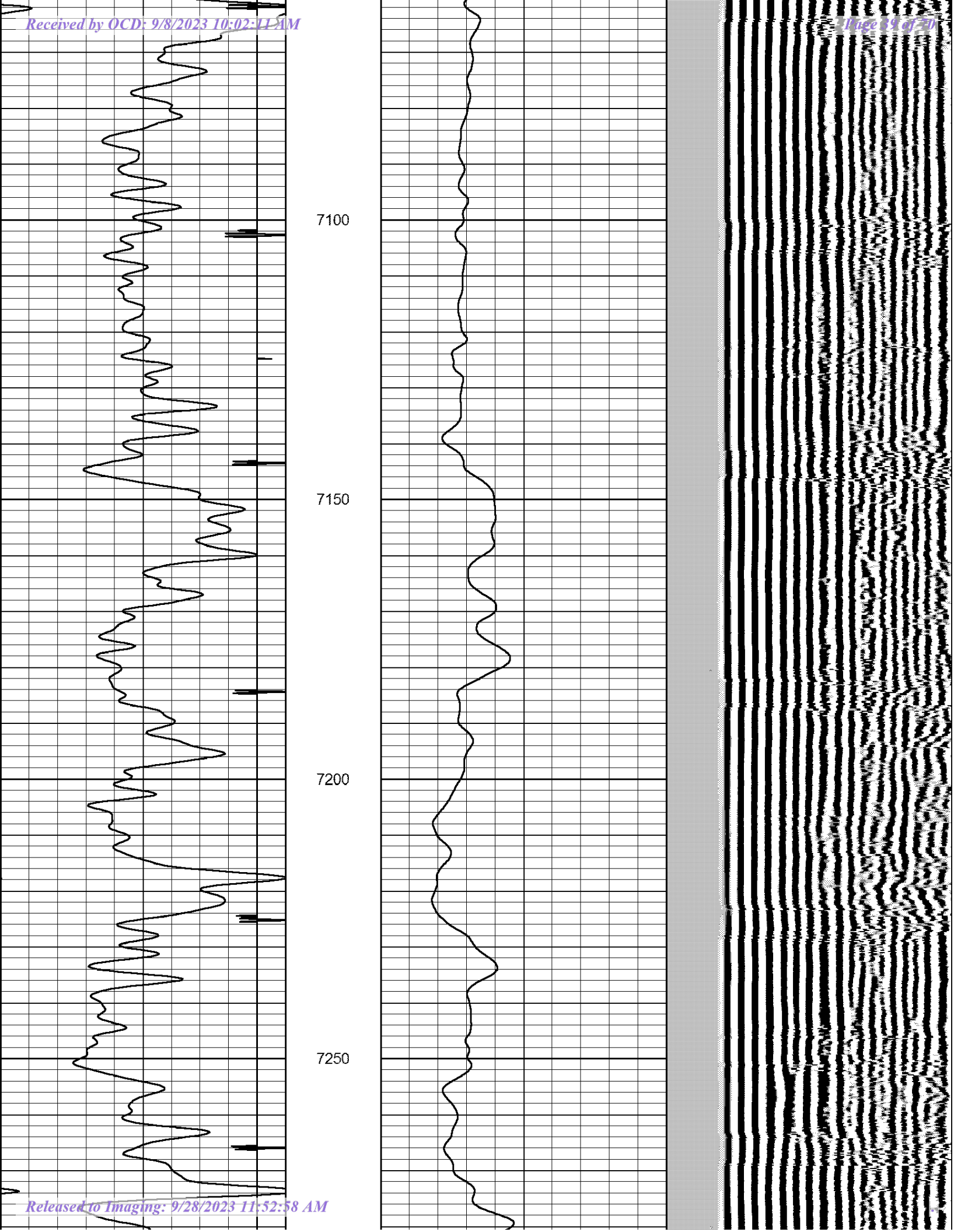

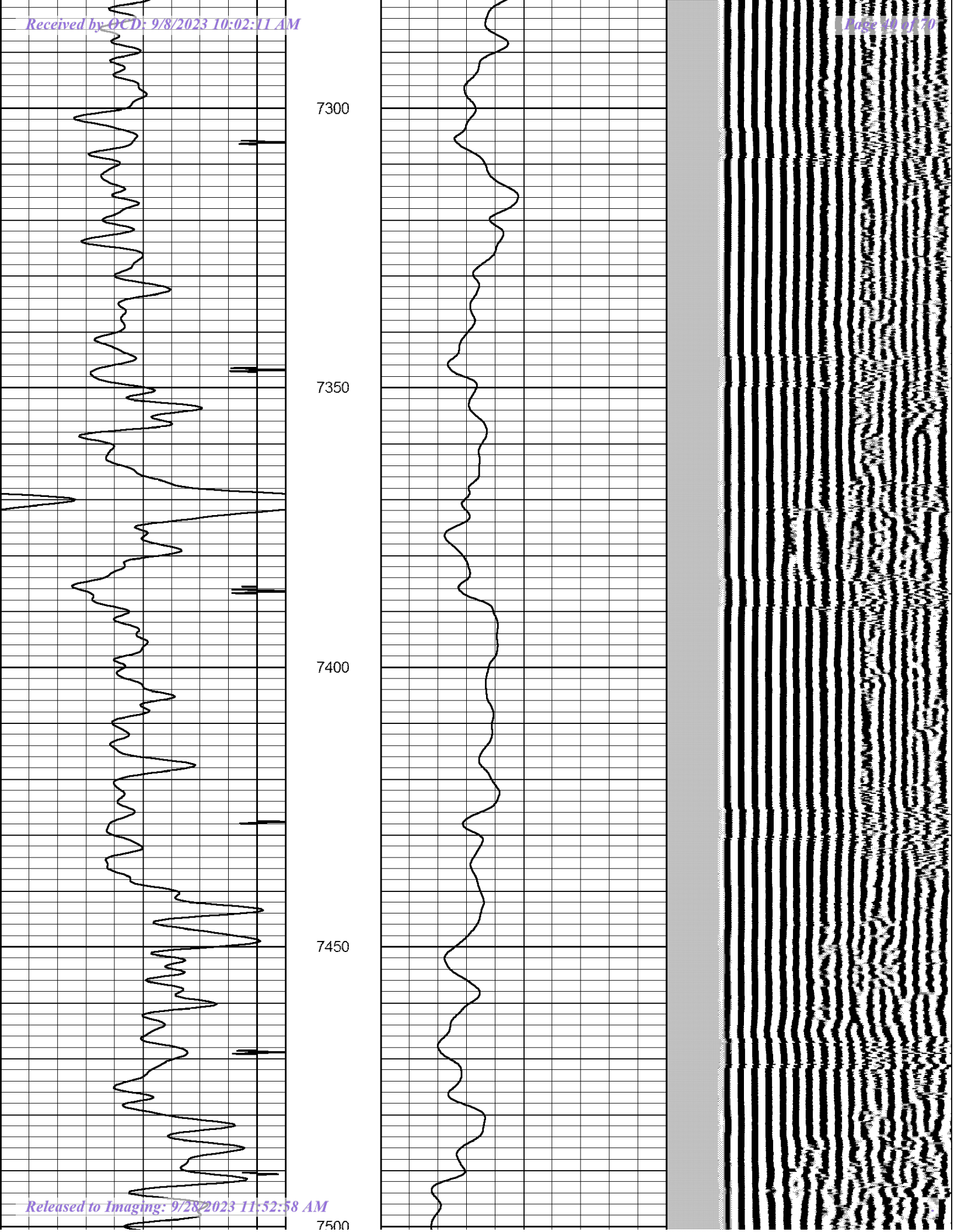

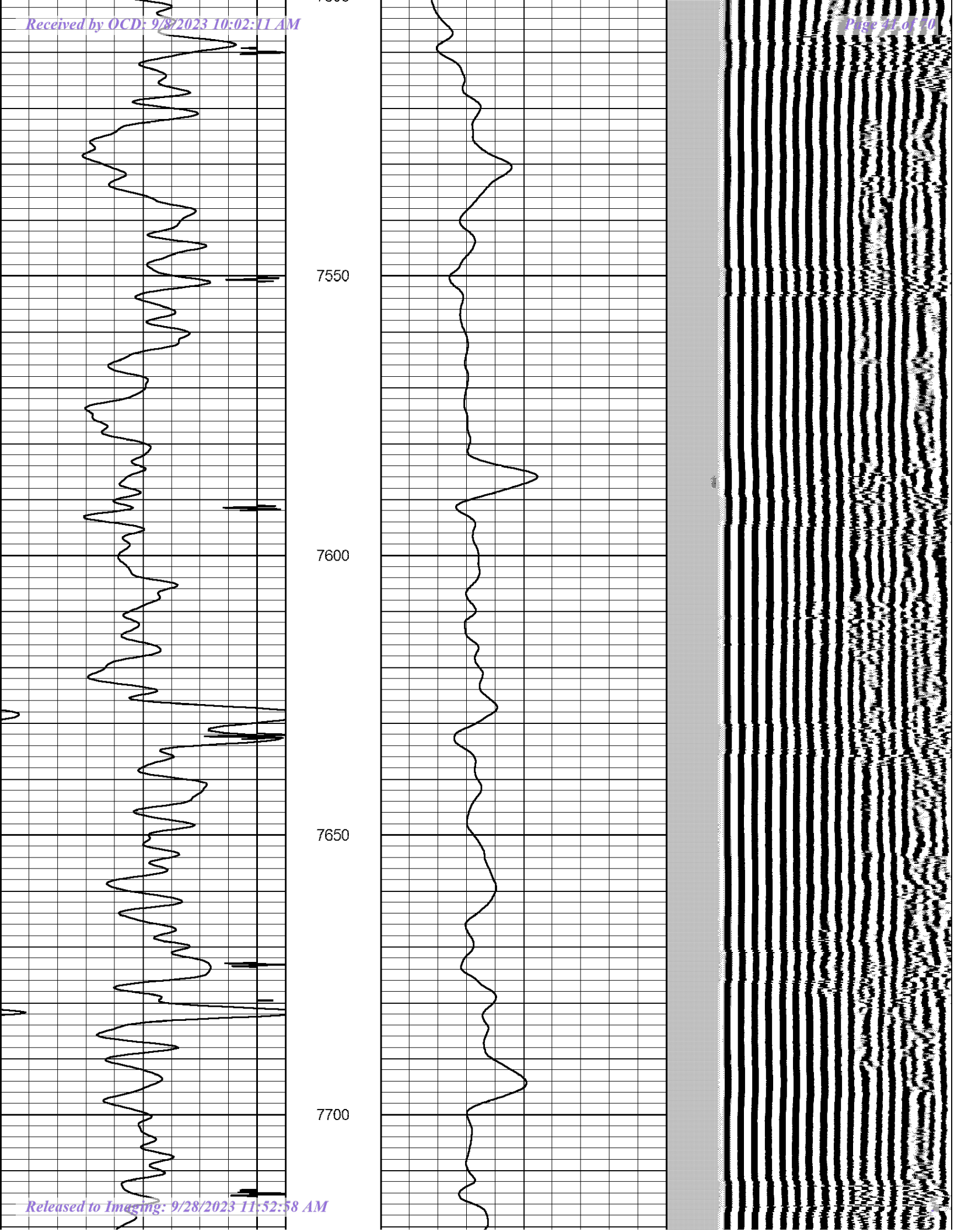

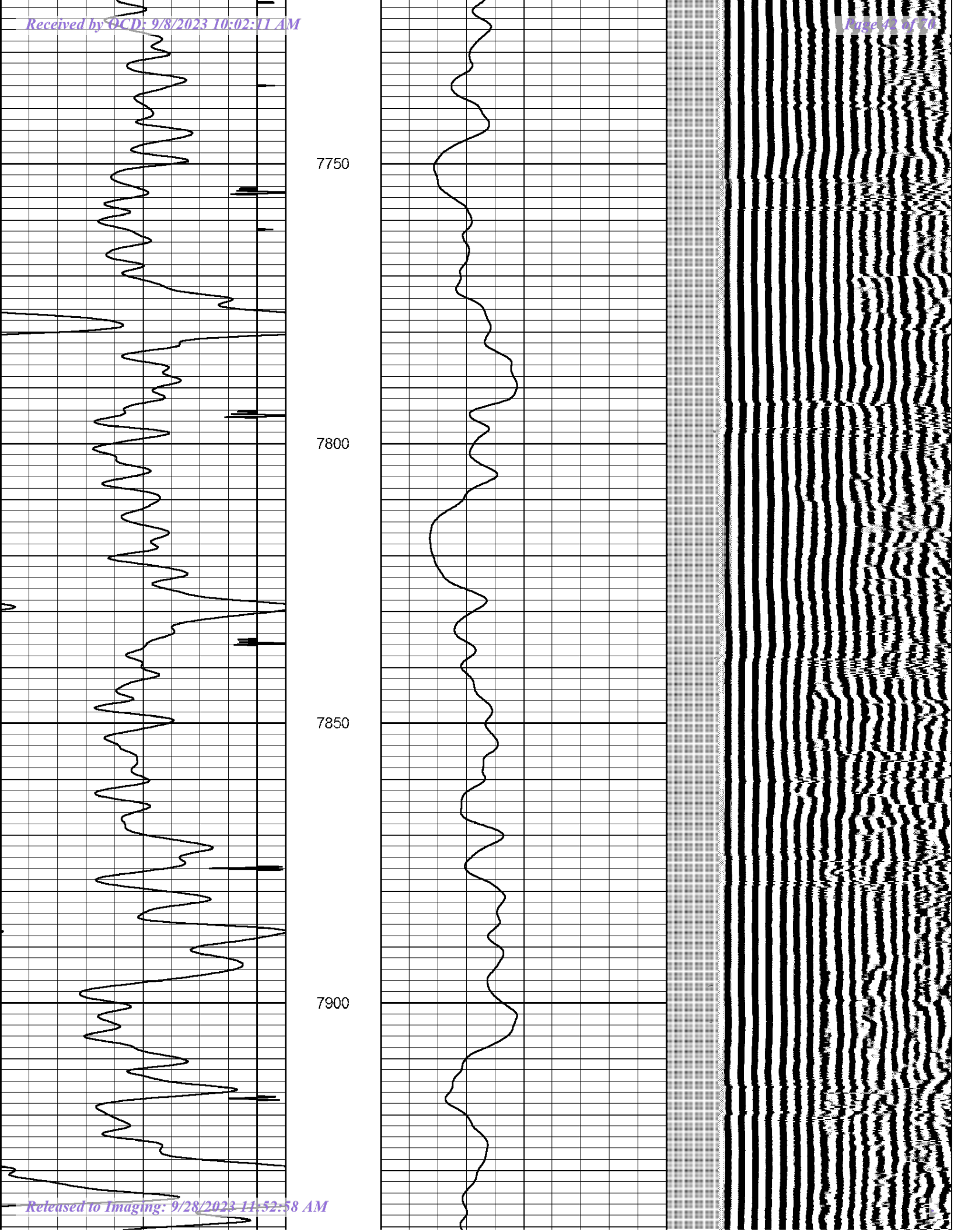

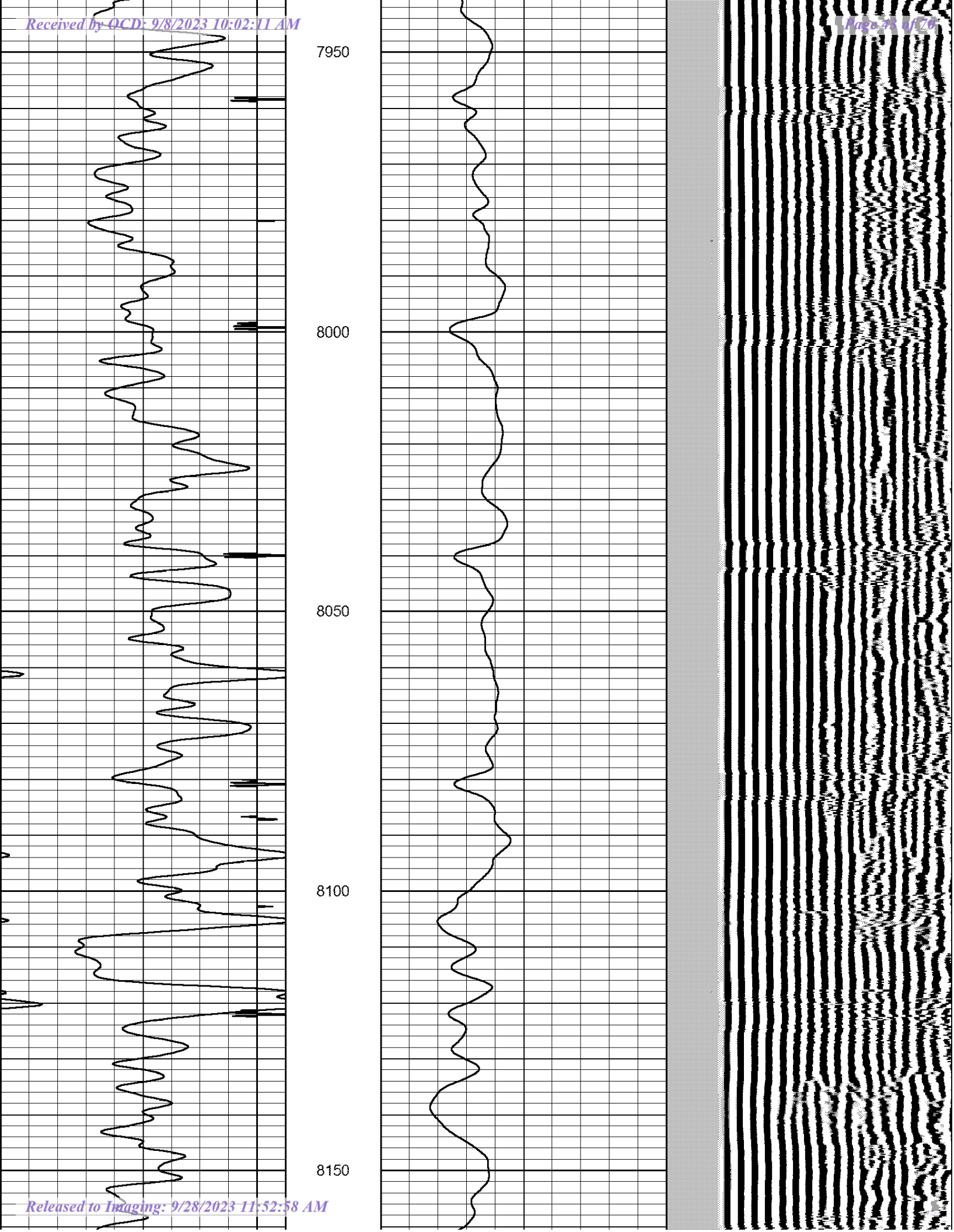

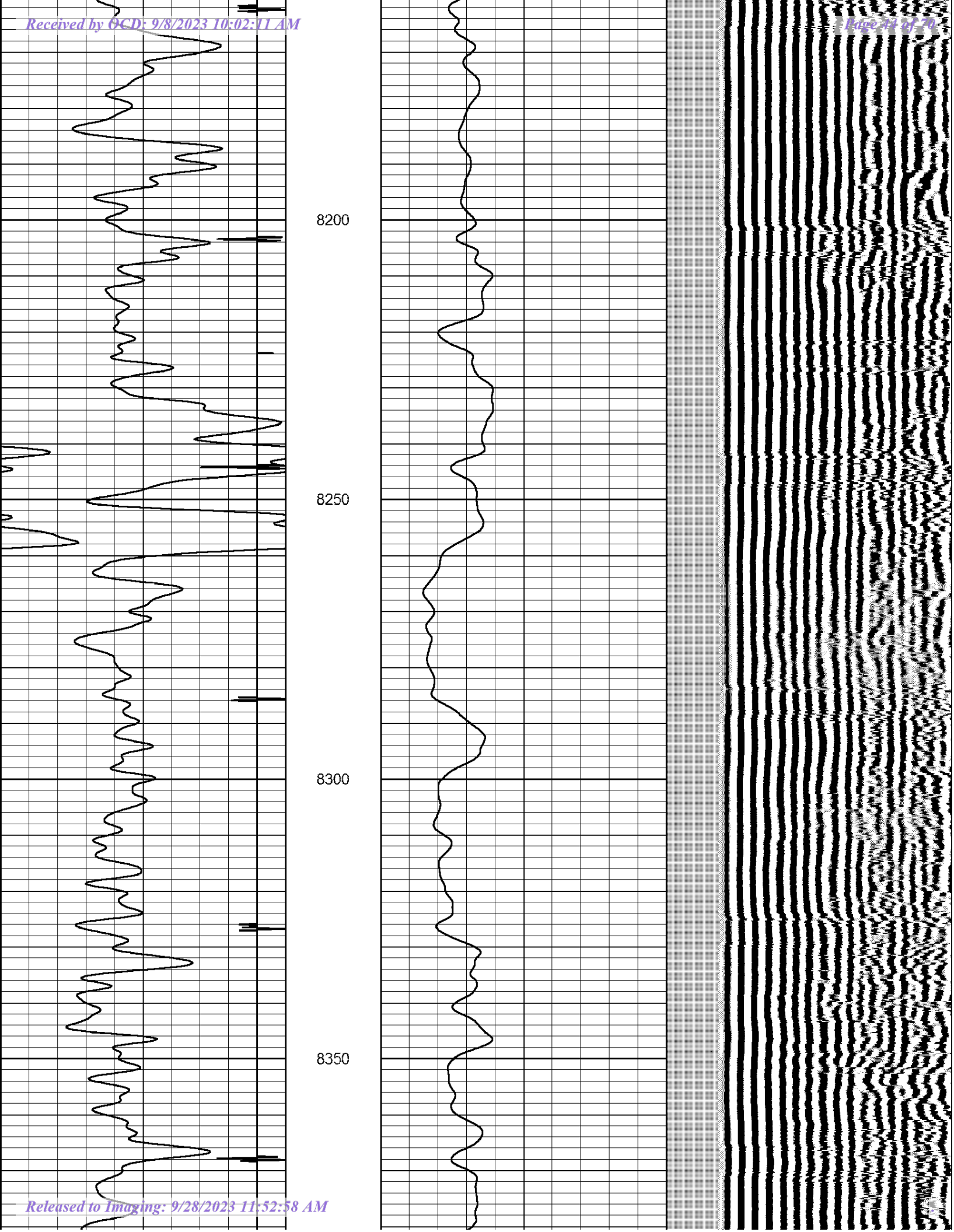

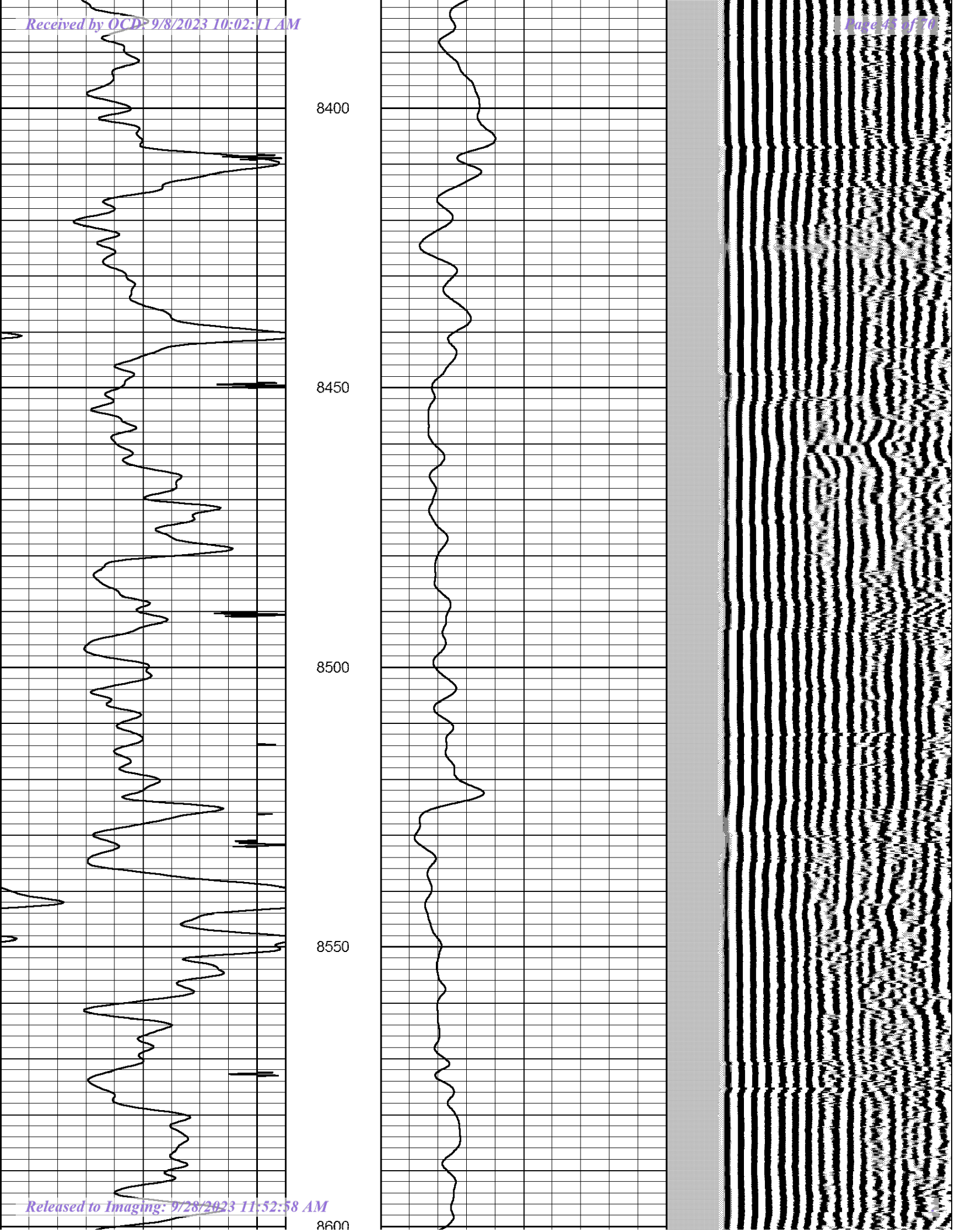

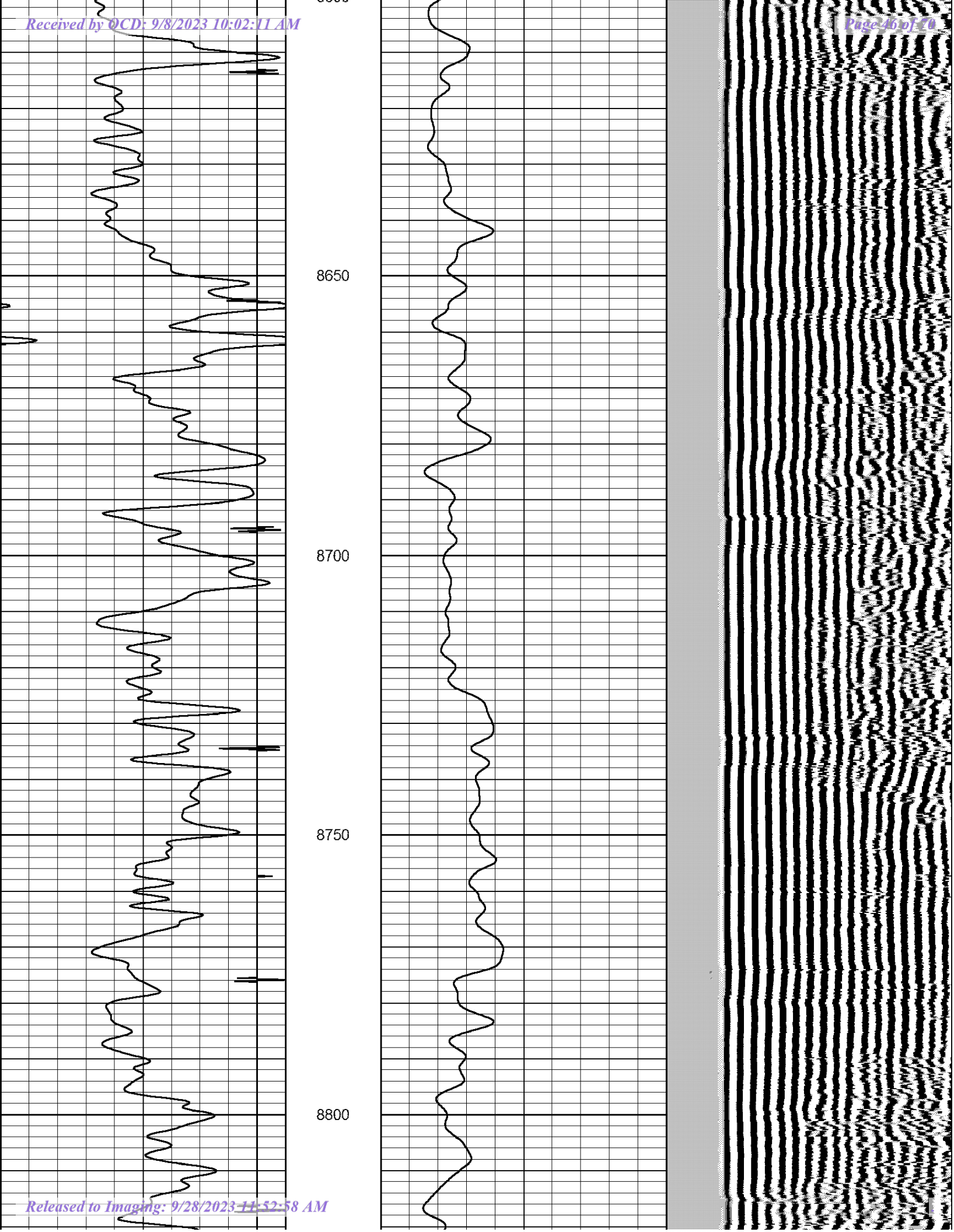

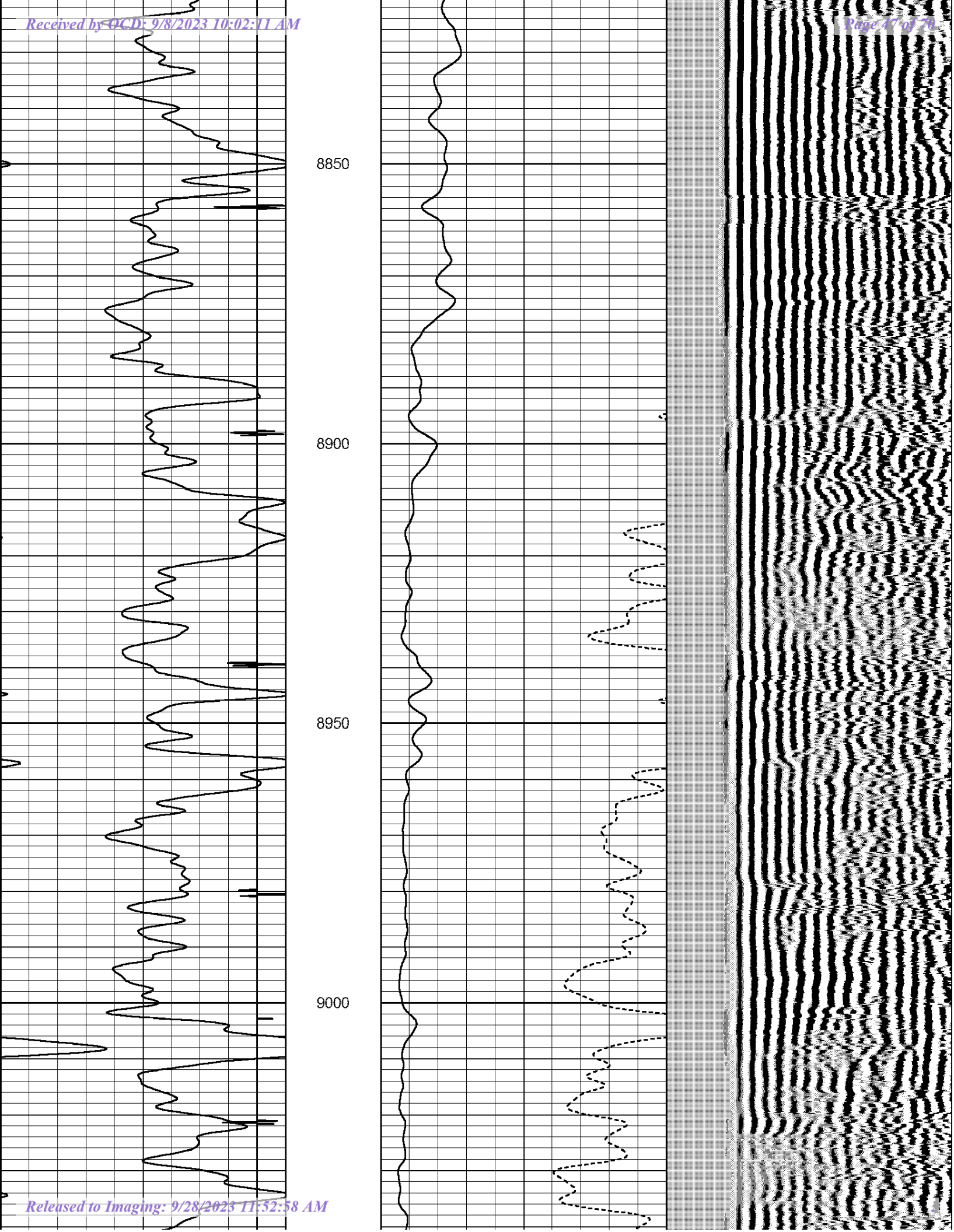

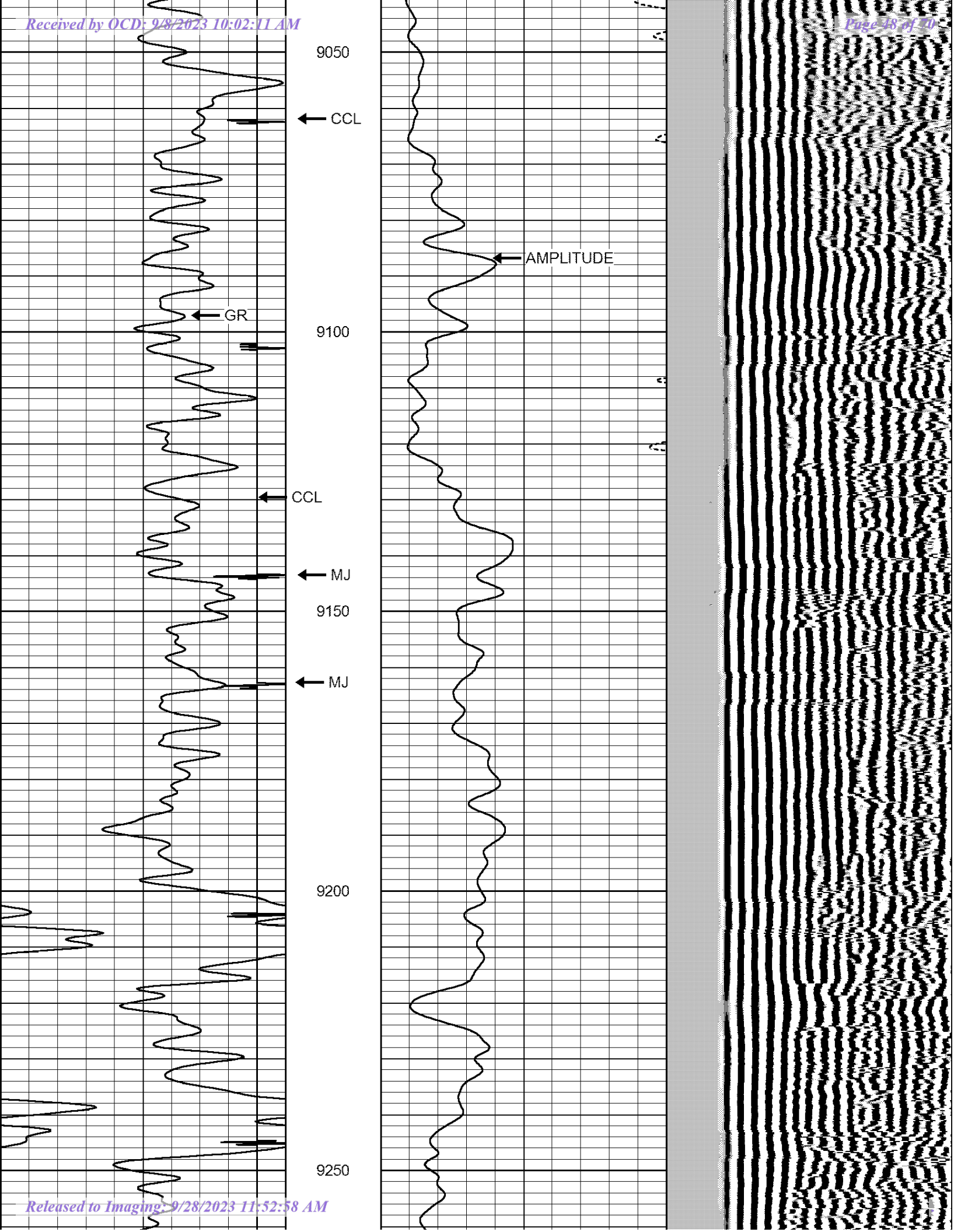
9050
CCL
AMPLITUDE
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MJ
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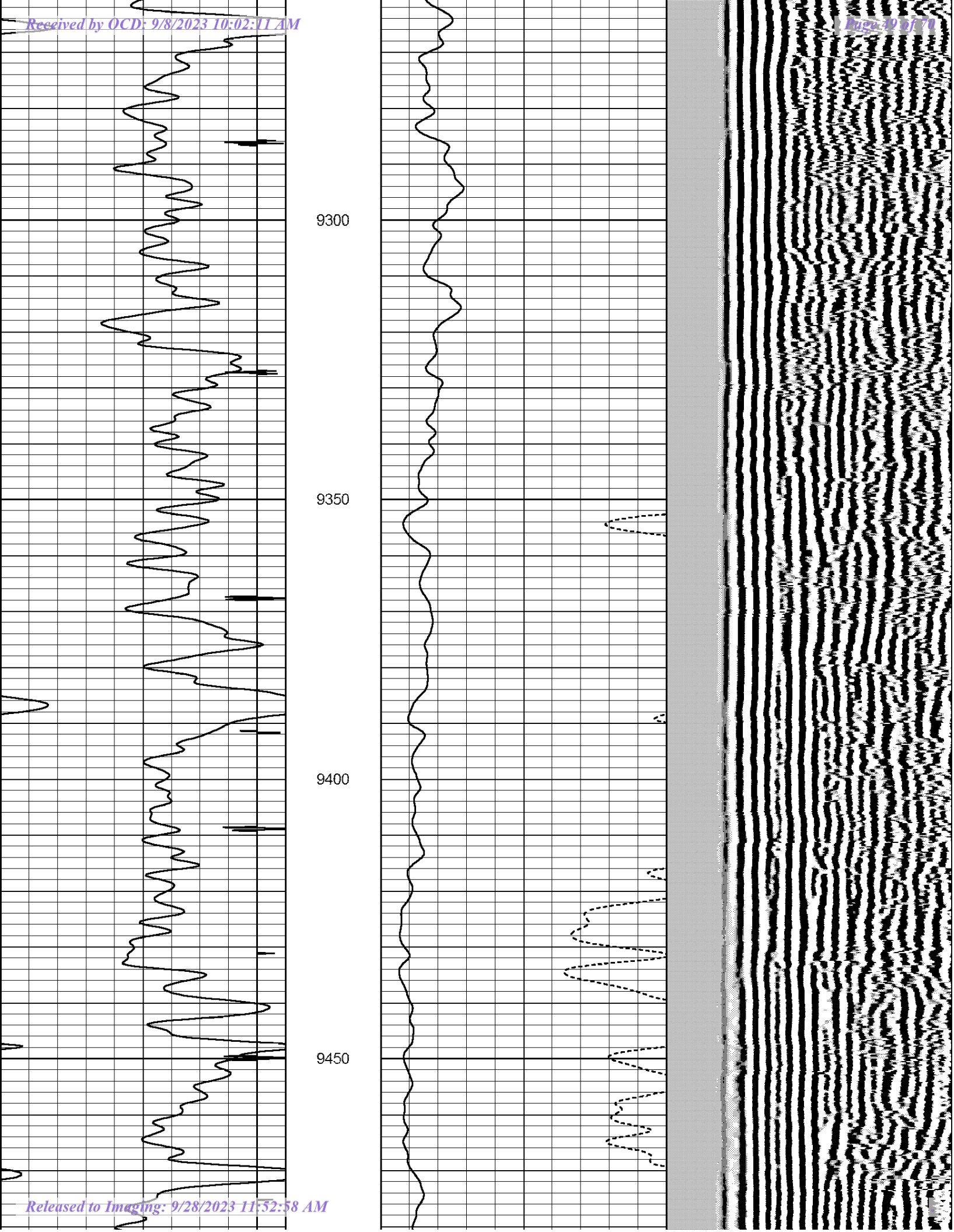
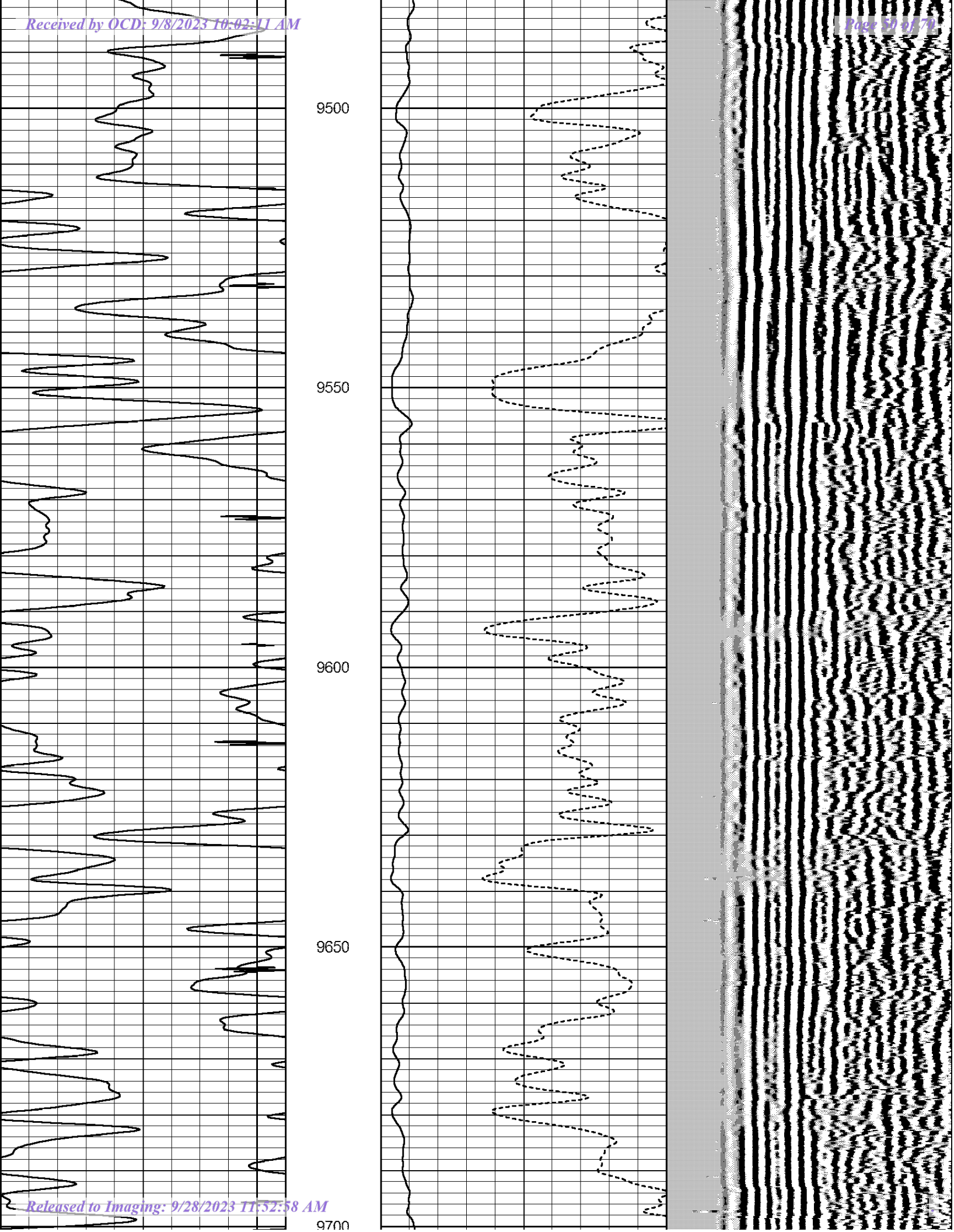
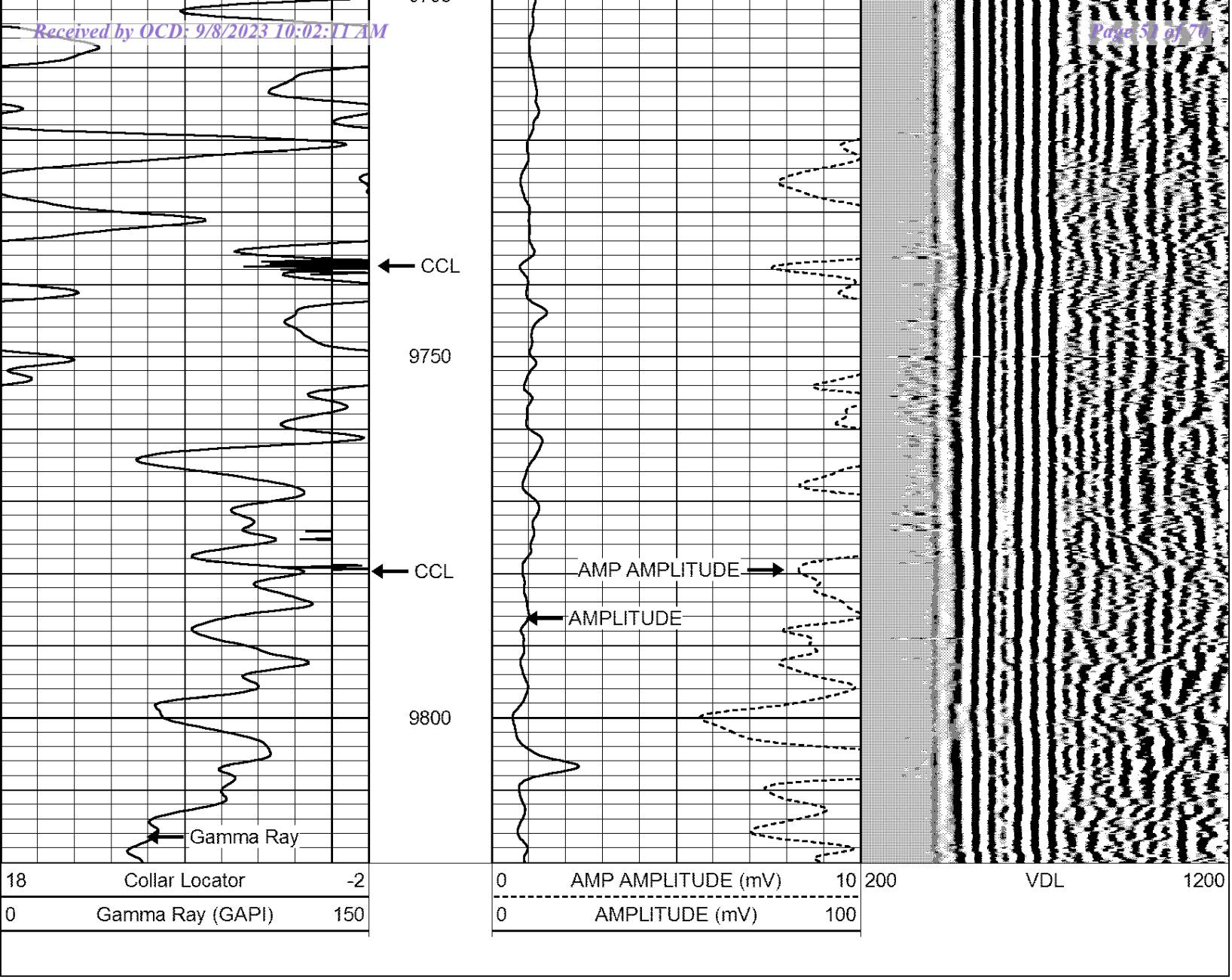
9250

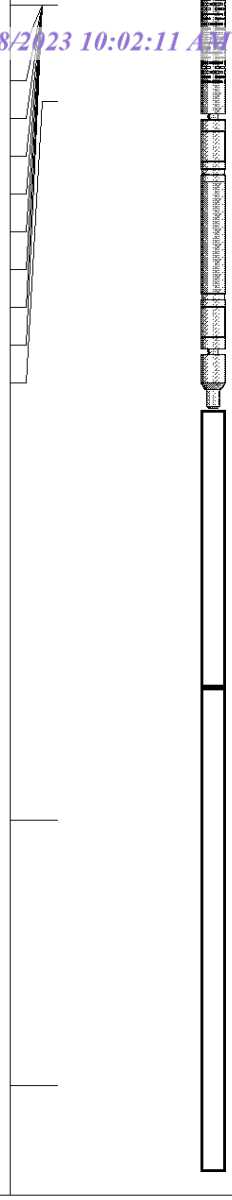






Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			Probe275 2.75" Centralizer	2.88	2.75	20.00
			RBT-Probe (101224)	8.75	2.75	90.00

WVF3FT	12.06				
WVF4FT	12.06				
WVFS1	12.06				
WVFS2	12.06				
WVFS3	12.06				
WVFS4	12.06				
WVFS5	12.06				
WVFS6	12.06				
WVFS7	12.06				
WVFS8	12.06				
WVF5FT	11.06				
		Probe275 2.75" Centralizer	2.88	2.75	20.00
CCL	3.64				
		GR-Probe (275) Probe 2.75" 4 Channel Pulse	5.00	2.75	30.00
GR	0.90				



Probe Radii Bond Tool with Digital Telemetry

Dataset:	eog_endurance_36state_02h.db: field/well/run1/pass10
Total Length:	19.50 ft
Total Weight:	160.00 lb
O.D.	2.75 in

8/24/23
P&A

Endurance 36 State Com #2 P&A
Capital AFE# 182743

Well Name	**Endurance 36 State Com #2 P&A**				
Surface Location	32.0010435, -103.5284644; 330' FSL & 1760' FWL Sec. 36			AFE/Sub Code	182743/235
RKB – Sea Level	3,334'	Area/Field	Pitchfork	Spud Date	6/7/14
G.L. Elevation	3,359'	County/Province	Lea	Original Rig Contractor	H&P 415
API	30-025-40258	State / Country	NM	Formation	LNRD A
Comp Date	8/4/14	Total MD	17,042	Top Perf	9820
KOP	9,221'	Average Lateral TVD	9,670'	Wellhead MFG	Stream Flow

*Note all depths include KB 25'.

STRING NAME	STRING OD	STRING WEIGHT	DESCRIPTION	FINAL DEPTH
SURFACE	13.325	54. 5	13-3/8 K-55 BTC	924'
INTERMEDIATE	9.625	40	J 55 to 4,000 & HCK to 5,140'	5,140'
PRODUCTION	5.5	20	5 1/2 HCP110 NSCC	17,042'

Summary of Procedure: LD TBG, Run CIBP, Pump Cement Plugs, Abandon

PROCEDURE:

1. Notify state 24 hours before beginning work.
2. MIRU & Kill well.
3. ND/NU WH/BOP
4. LD Entire string of 2-7/8" Production TBG including 9 GLV (possibility of bumper stop in tbg @ 9,395) & a packer
5. MIRU wireline. RIH & set 5.5 CIBP ~9,815' (above top perf @ 9,820').
6. Test CIBP to 500 psi.
7. PU Work String.
8. Tag CIBP & Ciculate plugging mud, then spot 57 sx class H cement on top of CIBP (1.18 yield, 57 sxs, will cover ~537' of csg). PU, reverse tbg to clean. WOC & Tag. This will cover above CIBP & top of Bone Springs (9,815' to 9,278')
9. TOOH to 6500' & spot 25 sxs Class C cement from 6,500' to 6,264' (this is a spacer plug). PU & revers tbg clean. No tag required.
10. TOOH to 5,320' & spot 30 sxs Class C cement from 5,320' to 5,037' (this will cover top of Delaware & across intermediate shoe). PU & revers tbg clean. TOOH & WOC
11. RU WL & RIH tag TOC. Then perforate 5.5" csg @ 1,250'. POOH
12. TIH to spot/squeeze 115 sxs Class C cement to plug from 1,250' to 800'. This will cover Top of Salt & surface shoe. PU & revers tbg clean. TOOH & WOC
13. RU WL & RIH tag TOC. Then perforate 5.5" csg @ 100'. POOH
14. TIH to spot/squeeze 30 sxs Class C cement to plug from 100' to surface.
15. Dig out cellar, cut off wellhead and verify cement behind all casing strings.
16. Install dry hole marker, clean location and RDMO.

Production Engineer: _____ **Date:** 08/24/23

Chris Caskey

AFE Codes

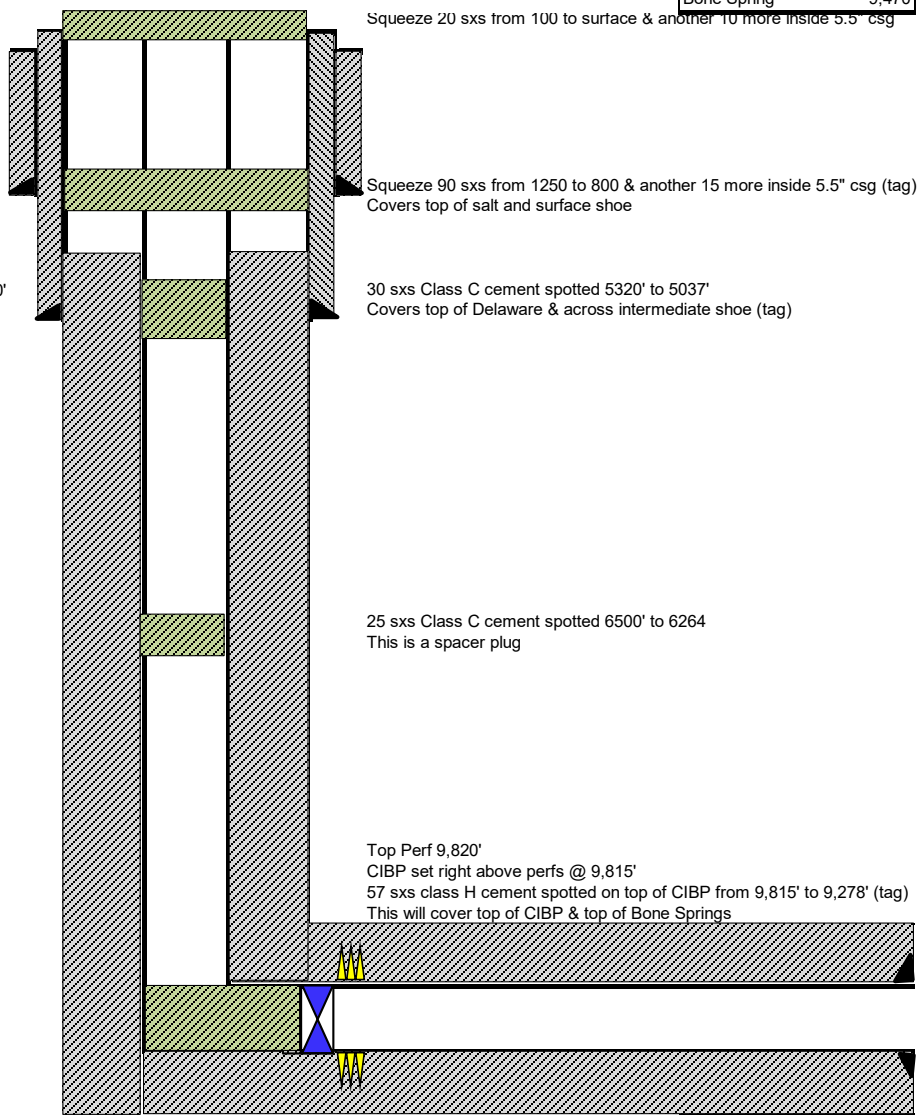
Code	Description
235-106	FAC - Tubing
235-111	FAC - Rods
235-112	FAC - Pump Equipment/ Surface
235-113	FAC - Pump Equipment/ Subsurface
235-407	FAC - Water
235-409	FAC - Cementing & Service
235-413	FAC - Perforating
235-415	FAC - Transportation
235-417	FAC - Equipment Rental
235-418	FAC - Completions Rig
235-421	FAC - Environmental (Remediation)
235-424	FAC - Supervision

Well Name: Endurance 36 State Com #2H
Location: 330' FSL & 1760' FWL Sec. 36
County: Lea, NM
Lat/Long: 32.0010435, -103.5284644 NAD83
API #: 30-025-40258
Spud Date: 6/7/14
Compl. Date: 8/4/14

eog resources

Formation Tops	
Top of Salt	1,200
Bottom of Salt	5,190
Delaware	5,270
Cherry Cnyn	5,703
Bone Spring	9,470

Proposed Wellbore Diagram:



Not to Scale
By: CC 8/23/23

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Location:	330' FSL & 1760' FWL Sec. 36
County:	Lea, NM
Lat/Long:	32.0010435, -103.5284644 NAD83
API #:	30-025-40258
Spud Date:	6/7/14
Compl. Date:	8/4/14

Current Wellbore Diagram:

KB: 3334
GL: 3359

17-1/2" Hole

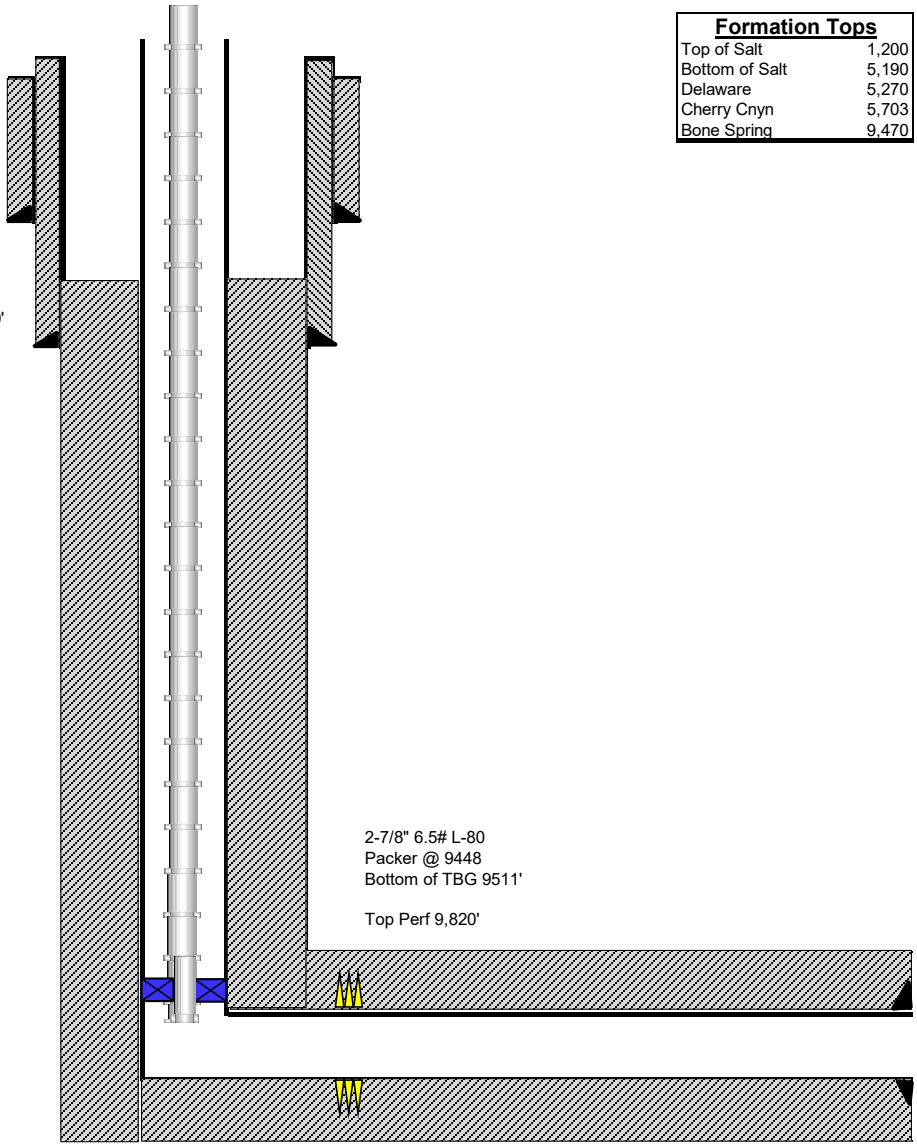
13-3/8" 54.5# K-55 BTC @ 924'
Cmt w/ 700 sx (circ) 225 sx to surface

12-1/4" Hole

Cement to Surface
9-5/8" 40# J-55 LTC to 4,000' & HCK-55 LTC 4,000' to 5,140'
Cmt w/ 1,300 sx (circ) 66 bbls to surface

8-3/4" Vertical & Curve

KOP @ 9,221'



2-7/8" 6.5# L-80
Packer @ 9448
Bottom of TBG 9511'

Top Perf 9,820'

8-3/4" Lateral Hole
5-1/2" 20# HCP110 Prod CSG t
2240 sx cmt TOC 4600' CBL

Formation Tops

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Delaware	5,270
Cherry Cnyn	5,703
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Not to Scale
By: CC 8/23/23

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Location:	330' FSL & 1760' FWL Sec. 36
County:	Lea, NM
Lat/Long:	32.0010435, -103.5284644 NAD83
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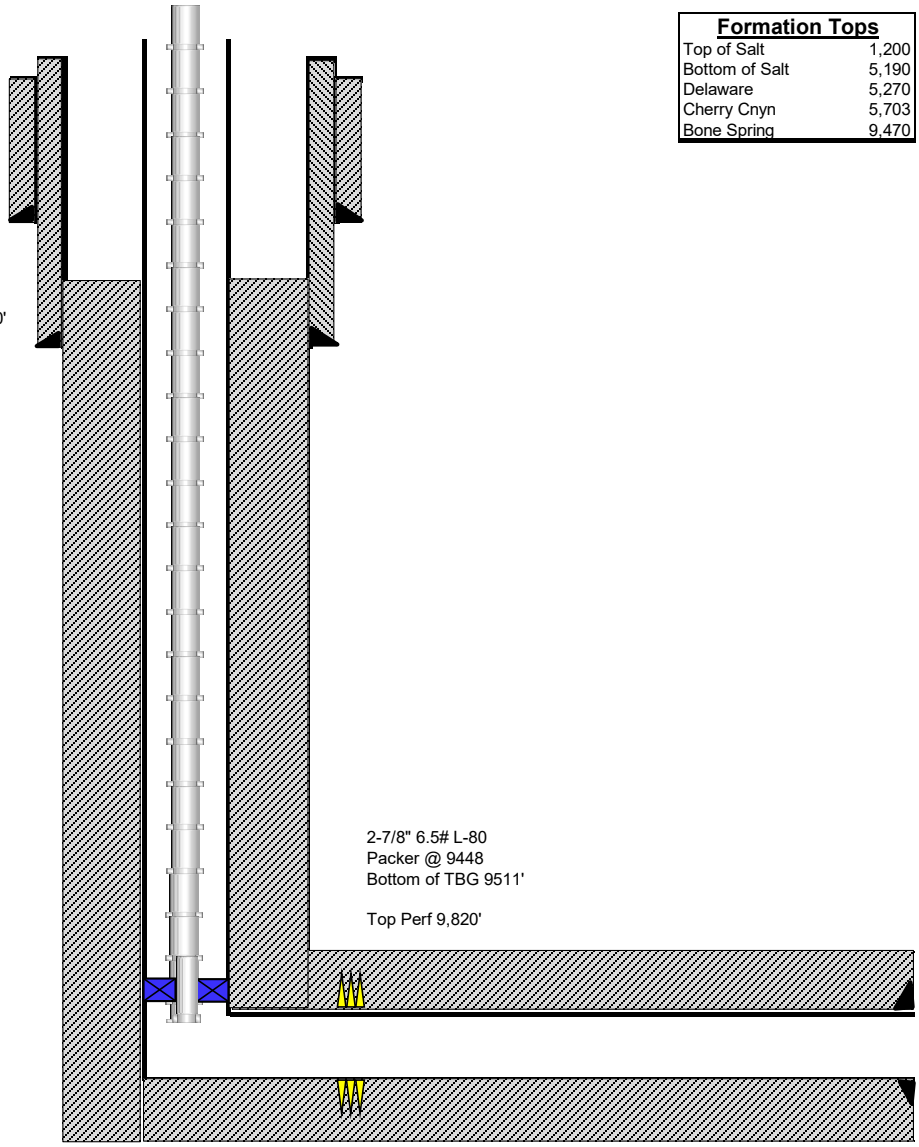
8-3/4" Vertical & Curve

KOP @ 9,221'



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Not to Scale
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eog resources

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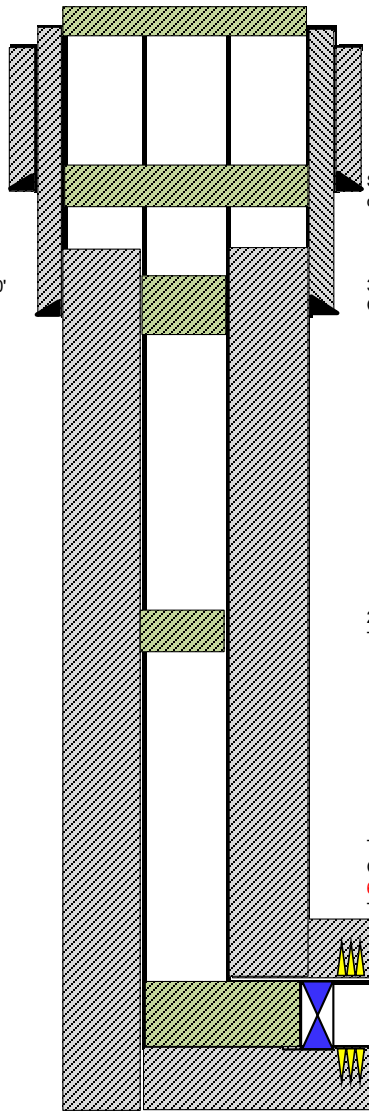

KB: 3334
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17-1/2" Hole

13-3/8" 54.5# K-55 BTC @ 924'
Cmt w/ 700 sx (circ) 225 sx to surface

12-1/4" Hole

Cement to Surface
9-5/8" 40# J-55 LTC to 4,000' & HCK-55 LTC 4,000' to 5,140'
Cmt w/ 1,300 sx (circ) 66 bbls to surface

8-3/4" Vertical & Curve

KOP @ 9,221'

Squeeze 20 sxs from 100 to surface & another 10 more inside 5.5" csg
Verify circulated to surface inside and outside casing

Squeeze 115 sxs from 1250 to 800 & another 15 more inside 5.5" csg (tag) Covers top of salt and surface shoe

30 sxs Class C cement spotted 5320' to 5037'
Covers top of Delaware & across intermediate shoe (tag)

25 sxs Class C cement spotted 6500' to 6264
This is a spacer plug

Top Perf 9,820'
CIBP set right above perfs @ 9,815'
65 sxs class H cement spotted on top of CIBP from 9,815' to 9,278' (tag)
This will cover top of CIBP & top of Bone Springs

8-3/4" Lateral Hole
5-1/2" 20# HCP110 Prod CSG t
2240 sx cmt TOC 4600' CBL

Not to Scale
By: CC 8/23/23

8/24/23
P&A

Endurance 36 State Com #2 P&A
Capital AFE# 182743

Well Name	Endurance 36 State Com #2 P&A				
Surface Location	32.0010435, -103.5284644; 330' FSL & 1760' FWL Sec. 36			AFE/Sub Code	182743/235
RKB – Sea Level	3,334’	Area/Field	Pitchfork	Spud Date	6/7/14
G.L. Elevation	3,359’	County/Province	Lea	Original Rig Contractor	H&P 415
API	30-025-40258	State / Country	NM	Formation	LNRD A
Comp Date	8/4/14	Total MD	17,042	Top Perf	9820
KOP	9,221’	Average Lateral TVD	9,670’	Wellhead MFG	Stream Flow

*Note all depths include KB 25’.

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PRODUCTION	5.5	20	5 1/2 HCP110 NSCC	17,042’

Summary of Procedure: LD TBG, Run CIBP, Pump Cement Plugs, Abandon

PROCEDURE:

1. Notify state 24 hours before beginning work.
2. MIRU & Kill well.
3. ND/NU WH/BOP
4. LD Entire string of 2-7/8” Production TBG including 9 GLV (possibility of bumper stop in tbg @ 9,395) & a packer
5. MIRU wireline. RIH & set 5.5 CIBP ~9,815’ (above top perf @ 9,820’).
6. Test CIBP to 500 psi.
7. PU Work String.
8. Tag CIBP & Ciculate plugging mud, then spot 65 SXS class H cement on top of CIBP (1.18 yield, 57 sxs, will cover ~537’ of csg). PU, reverse tbg to clean. WOC & Tag. This will cover above CIBP & top of Bone Springs (9,815’ to 9,278’)
9. TOOH to 6500’ & spot 25 sxs Class C cement from 6,500’ to 6,264’ (this is a spacer plug). PU & revers tbg clean. No tag required.
10. TOOH to 5,320’ & spot 30 sxs Class C cement from 5,320’ to 5,037’ (this will cover top of Delaware & across intermediate shoe). PU & revers tbg clean. TOOH & WOC
11. RU WL & RIH WOC & Tag TOC. Then perforate 5.5” csg @ 1,250’. POOH
12. TIH to spot/squeeze 130 sxs Class C cement to plug from 1,250’ to 800’. This will cover Top of Salt & surface shoe. PU & revers tbg clean. TOOH & WOC
13. RU WL & RIH tag TOC. Then perforate 5.5” csg @ 100’. POOH
14. TIH to spot/squeeze 30 sxs Class C cement to plug from 100’ to surface. Verify circulated to surface inside and outside casing
15. Dig out cellar, cut off wellhead and verify cement behind all casing strings.
16. Install dry hole marker, clean location and RDMO.

8/24/23
P&A

Production Engineer: _____ **Date:** 08/24/23

Chris Caskey

AFE Codes

Code	Description
235-106	FAC - Tubing
235-111	FAC - Rods
235-112	FAC - Pump Equipment/ Surface
235-113	FAC - Pump Equipment/ Subsurface
235-407	FAC - Water
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235-415	FAC - Transportation
235-417	FAC - Equipment Rental
235-418	FAC - Completions Rig
235-421	FAC - Environmental (Remediation)
235-424	FAC - Supervision

Sundry ID **2747943**

Plug Type	Top	Bottom	Length	Tag	Sacks	Notes
Surface Plug	0.00	100.00	100.00	Verify circulated to surface	30.00	Per and Sqz
Shoe Plug	800.00	1250.00	450.00	WOC and Tag	130.00	Perf and Sqz
Top of Salt @ 1200	800.00	1250.00	450.00			
TOC @ 4620						
Shoe Plug	5037.00	5320.00	283.00	WOC and Tag	27.00	
Base of Salt @ 5190	5037.00	5320.00	283.00			
Delaware @ 5270	5037.00	5320.00	283.00			
Bonesprings @ 9470	9278.00	9815.00	537.00	WOC and Tag	65.00	500psi leak test 30min
CIBP Plug	9278.00	9770.00	492.00			

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.
Class H >7500'
Class C<7500'
Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.
Critical, High Cave Karst: Cave Karst depth to surface
R111P: Solid plug in all annuli - 50' from bottom of salt to surface.

Class C: 1.32 ft^3/sx
Class H: 1.06 ft^3/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement	Medium	KARST DEPTH/TOS to surface	500.00

Shoe @	924.00		
Shoe @	5140.00		
Shoe @	17042.00	TOC @	4620.00
Perforatons Top @	9820.00		
		CIBP @	9770.00

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.**

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours. Tagging the plug means running in the hole with a string of tubing or drill pipe and placing sufficient weight on the plug to ensure its integrity. Other methods of tagging the plug may be approved by the BLM authorized officer or BLM field representative.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**
The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds). A weep hole shall be left if a metal plate is welded in place.

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm

In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines (**Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure)**. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. **This will apply to well pads, facilities, and access roads**. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.

2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.

3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.

4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you

have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.

6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.

7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos
Supervisory Petroleum Engineering Tech/Environmental Protection Specialist
575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

Jose Martinez-Colon
Environmental Protection Specialist
575-234-5951

Mark Mattozzi
Environmental Protection Specialist
575-234-5713

Robert Duenas
Environmental Protection Specialist
575-234-2229

Doris Lauger Martinez
Environmental Protection Specialist
575-234-5926

Jaden Johnston
Environmental Protection Asst. (Intern)
575-234-6252

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1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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COMMENTS

Action 263344

COMMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 263344
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	9/28/2023

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gcordero	None	9/28/2023